Digital Learning Hub_

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Digital Learning Hub_

BLOCKCHAIN

GDPR & BLOCKCHAIN'S IMMUTABLE NATURE

GDPR and DLT, are they compatible?

This class will provide you with some basic information on the General Data Protection Regulation (GDPR) and the distributed ledger technology/blockchain technology. During the introduction, we will notice that a tension exists between some principles of the GDPR as for example the right to be forgotten and the blockchain's immutable nature. This tension will be discussed during the interactive course.

[View online](#)
Price: 8,00 €
Start date: 19.06.2024
Instructor(s): Zoe Wagner
Language: English
Difficulty: Beginner

HOW TO ACHIEVE VIABLE FINANCIAL ASSET TOKENIZATION

Everything you need to know to tokenize a financial instrument: from legal considerations to technical challenges.

In this course, we will describe the needed steps to tokenize a financial instrument. How to define a use case, understand the legal considerations and how to address the technical challenges. We will also do a practical exercise by creating and issuing a token in a sandbox environment.

[View online](#)
Price: 20,00 €
Start date: 24.06.2024
Instructor(s): Tony Malghem, Alvaro Garrido Mesa
Language: English
Difficulty: Intermediate

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INTRODUCTION TO THE BLOCKCHAIN LEGAL FRAMEWORK

The course gives a broad introduction to the legal framework around blockchain and guides the participants through an understanding of what is authorized, respectively regulated or prohibited when using the blockchain (in Luxembourg and in Europe). At the end of the course, the participant will have acquired a foundational understanding of the blockchain legal environment.

View online
Price: 8,00 €
Start date: 02.07.2024
Instructor(s): Zoe Wagner
Language: English
Difficulty: Beginner

INTRODUCTION TO TOKENIZATION

This class is designed to give all the basics about tokenization and especially how to use tokenization as a mecanism to obtain financing. It will also provide all necessary information about the various actors of the ecosystem.

View online
Price: 14,00 €
Start date: 25.06.2024
Instructor(s): Alvaro Garrido Mesa
Language: English
Difficulty: Beginner

LEGAL ASPECTS OF TOKENIZATION

With a focus on security tokens, the course deep dives into the regulatory framework associated with the tokenization of assets. It is the follow-up from the course Introduction to Tokenization. This course has been created as Luxembourg is recognized internationally as a place to do Tokenization and is rich in possibilities.

View online
Price: 14,00 €
Start date: 25.06.2024
Instructor(s): Alvaro Garrido Mesa
Language: English
Difficulty: Beginner

CODING

AUTOMATION OF REPETITIVE TASKS WITH CLASSICAL AND VISUAL PROGRAMMING (RPA) TECHNIQUES

Numerous companies experience a prevalence of repetitive tasks. Processing data in Excel, obtaining and transferring documents via Outlook, repetitive manipulations of internal ERP systems are just a few examples.

This course is aimed at analysts seeking to automate and professionalise their tasks, as well as managers, wishing to learn about the possibilities offered by the combination of "classic" programming tools and Robotic Process Automation (RPA). During the course, we will present a general definition, key differences, as well as concrete examples of how they have been implemented in business.
Open the doors to programmatic automation, and your vision of work in business will never be the same again.

[View online](#)
Price: 32,00 €
Start date: 22.10.2024
Instructor(s): Maurizio Napoli, Gauthier Pierard
Language: English
Difficulty: Intermediate

BACK-END DEVELOPMENT WITH PYTHON AND FLASK

Embark on a journey into the world of back-end development with our 'Back-End Development with Python and Flask' course. This course is designed for individuals who want to dive into the exciting realm of web development, particularly focusing on the back-end. It's perfect for beginners who have a basic understanding of Python and want to harness its power to build dynamic web applications.

In this interactive program, we use a deductive reasoning approach, where we start by exploring real-world problems and then work together to craft practical solutions. You'll delve into essential topics such as integrating Python with MySQL for efficient data management, creating robust APIs, mastering HTTP request handling, and implementing secure session management for user logins and protected pages. Additionally, you'll develop the art of building

a templating system to create visually appealing and dynamic web pages.

The goal is to provide you with a solid foundation in back-end development, equipping you with the skills needed to create data-driven, secure, and user-friendly web applications.

View online
Price: 64,00 €
Start date: 05.10.2024
Instructor(s): Vanessa Al Daham
Language: English
Difficulty: Beginner

CONTENEURISATION AVEC DOCKER

La conteneurisation est l'une des clé fondatrice de l'informatique moderne et est souvent considérée comme la porte d'entrée vers le Cloud. A la fin de ce module, vous serez capable de conteneuriser et d'exécuter vos application sur Docker.

View online
Price: 56,00 €
Start date: 12.09.2024
Instructor(s): Jérémy Albrecht
Language: French
Difficulty: Beginner

DÉCOUVERTE DU DEVOPS

Initiation au métier du DevOps. Ce module vous permettra d'appréhender les enjeux de DevOps. L'un des objectifs ici et de démystifier un domaine technique plutôt large.

View online
Price: 28,00 €
Start date: 09.09.2024
Instructor(s): Jérémy Albrecht
Language: French
Difficulty: Beginner

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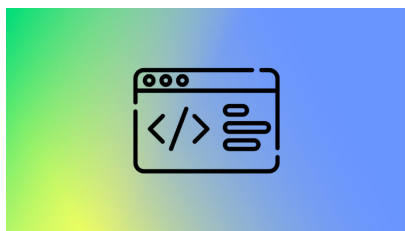
DÉVELOPPEUR WEB

Apparu avec Internet, le développement web fait référence au processus d'écriture d'un site ou d'une page web dans un langage technique. Il s'agit d'une étape incontournable pour qu'un contenu soit mis en ligne et atteigne ses lecteurs. Le développeur web s'occupe de la réalisation de l'ensemble des fonctionnalités techniques d'un site Internet ou d'une application web. En fonction des exigences présentées dans un cahier des charges précis, ce spécialiste analyse les besoins et définit la solution technique adaptée. Il développe ensuite les fonctionnalités du site ou de l'application web en rédigeant des lignes de code. Ses missions incluent également le diagnostic et la résolution de problèmes détectés sur un site déjà en ligne. La polyvalence, l'autonomie, la capacité d'adaptation ainsi que le respect des délais figurent parmi les qualités de ce professionnel.

Les sujets abordés lors des cours :

- Les fondamentaux – comment fonctionne un navigateur web ?
- JavaScript – le moteur des applications Web
- TypeScript – le Super Set de JavaScript
- Apprenez le framework web de Google le plus utilisée au Luxembourg
- Apprenez la librairie Front end de Facebook, la plus utilisée au Luxembourg
- Comprendre le futur du Browser (navigateur web)

View online
Price: 252,00 €
Start date: 07.06.2024
Instructor(s): Nicolas Frizzarin / Enes Koc
Language: French
Difficulty: Intermediate
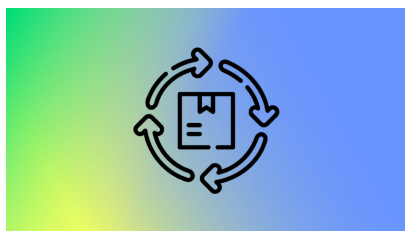
DEVOPS - GESTIONNAIRE DES MODIFICATIONS ET DE LA CONFIGURATION DES TIC

En favorisant la communication et la collaboration entre les équipes chargées du développement et des opérations IT, le DevOps vise à optimiser la satisfaction client et à proposer des solutions à valeur ajoutée plus rapidement. Le DevOps est aussi conçu pour stimuler l'innovation dans une optique d'amélioration continue des processus.

Les sujets abordés lors des cours :

- Initiation au métier du DevOps
- La porte vers le Cloud
- Apprenez comment configurer un pipeline en utilisant GitOps
- Dernière étape d'une chaine DevOps : L'orchestration de conteneur en utilisant Kubernetes

[View online](#)
Price: 168,00 €
Start date: 09.09.2024
Instructor(s): Guillaume Homberg / Jéremy Albrecht
Language: French
Difficulty: Beginner

FOUNDATIONS OF DJANGO WEB DEVELOPMENT

The "Foundations of Django Web Development" is a 21-hour course aimed at teaching Django's fundamentals, tailored by industry experts for aspiring web developers.

In the dynamic and fast-paced world of web development, Django, a high-level Python web framework, has become a cornerstone technology, powering a wide array of modern web applications and platforms. This meticulously designed 21-hour course is tailored for those who aspire to excel in the field of web development using Django. It offers a comprehensive learning experience, honed by industry experts, to meet the growing demand for skilled Django developers.

[View online](#)
Price: 84,00 €
Start date: 24.06.2024
Instructor(s): FERNS David
Language: English
Difficulty: Intermediate

FROM CODE TO MOTION: COMBINING ROBOTICS AND CODING FOR INDUSTRIAL AUTOMATION

Discover the fascinating world of industrial robotics with comprehensive training program. Designed for beginners, this training will provide you with a solid introduction to robotics and equip you with essential skills to thrive in this field.

Throughout the course, you will delve into key elements of robotics, starting with an in-depth exploration of the fundamental principles that underpin this cutting-edge technology. From there, you will progress to robotics programming, where you will learn to program robots using a variety of languages, including Teach & Play, Blocky, and introductory Python.

The course goes beyond theory by emphasizing practical applications of robotics. You will gain insights into real-world scenarios where robots are utilized across different industries and sectors. Additionally, you will have hands-on experience working with dobot robots, enabling you to develop and program robots to perform specific tasks in both manual and autonomous modes.

Collaboration is a vital aspect of our workshop, as you will engage with fellow participants to complete a final project that showcases your understanding of robotics and programming concepts. By the end of the course, you will have acquired a solid foundation in robotics, mastered programming techniques, and developed critical thinking skills applicable to real-life situations.

Don't miss this opportunity to unlock your potential in the exciting field of industrial robotics. Enroll today and embark on a transformative learning journey that will broaden your horizons and open doors to endless possibilities.

[View online](#)
Price: 160,00 €
Start date: 17.06.2024
Instructor(s): Abdoellah Adam
Language: English
Difficulty: Beginner

HOW TO USE WEB SERVICES WITH JAVASCRIPT

Imagine you would like to get information about a country and use these data on your website. How would you do that?
Where would you get the data from? The solution is easy!
Nowadays, you address an open online database via a web service to retrieve the information that is publicly available.

This course provides you with an overview of a "service-oriented architecture". After a brief introduction to Javascript, you learn how to send requests to a web service, how to retrieve information and how to display them in a browser. Learners will gain hands-on experience in utilizing JavaScript to interact with web services.

Although this course is not a typical Javascript class, it summarizes basic structures and instructions and introduces you to the basic concepts of reading JSON files. Therefore, programming knowledge is not a prerequisite as such.

View online
Price: 64,00 €
Start date: 02.11.2024
Instructor(s): Vanessa Al Daham
Language: English
Difficulty: Intermediate

HOW TO USE WEB SERVICES WITH JAVASCRIPT

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View online
Price: 64,00 €
Start date: 06.07.2024
Instructor(s): Vanessa Al Daham
Language: English
Difficulty: Intermediate

HUMAN AND PLANET CENTRED DESIGN IN PROGRAMMING WITH PYTHON

Learn to develop software applications and projects that contribute to society while valuing our planet's assets.

As an approach to green computing, sustainable coding practices and energy efficient programming, this course will introduce human-centred and planet-centred design principles and demonstrate the importance of incorporating both human and planetary considerations in programming projects. Participants will embark on a transformative journey to create Python projects while learning and applying a new mindset for programming.

During four sessions of five hours each, we will learn about real world examples of successful human-centred and planet-centred design projects and explore the principles, methodologies, and practical applications of integrating such concepts into Python projects, all while gaining a deeper understanding of sustainability and its relevance in programming.

Session 1: Introduction to Human and Planet-centred Design
Session 2: Design Thinking for Python Projects
Session 3: Sustainable Development with Python
Session 4: Integration and Project Showcase

[View online](#)
Price: 80,00 €
Start date: 18.06.2024
Instructor(s): Mancellari Enea
Language: English
Difficulty: Intermediate

INTRODUCTION TO COBOL PROGRAMMING

Dive into COBOL! Embark on a COBOL programming adventure! Learn the essentials of this key business language in our "Introduction to COBOL Programming" course.

Our dynamic 3-day course will turn you into a COBOL pro, ready for the finance and government sectors. Master programming fundamentals, debug like a pro, and bridge COBOL with modern tech. Join us for an immersive experience that combines theory with real-world practice. Unlock your potential in an in-demand niche and elevate your career. Start your COBOL journey today!

View online
Price: 84,00 €
Start date: 08.07.2024
Instructor(s): FERNS David
Language: English
Difficulty: Advanced
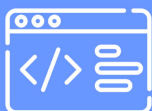
INTRODUCTION TO FLASK WEB DEVELOPMENT WITH PYTHON

Unlock the Power of Web Development with Flask: A Comprehensive Training Program

Embark on a transformative journey into the world of web development with our Flask Web Development with Python course. This course is meticulously designed to cater to the evolving needs of the modern web development landscape. Whether you're an aspiring developer, part of an IT team, an entrepreneur, or a professional seeking to diversify your skills, this course is tailored for you.

Dive into Flask Web Development with our course! Master Python and Flask basics to build dynamic websites and applications efficiently.

View online
Price: 84,00 €
Start date: 02.07.2024
Instructor(s): FERNS David
Language: English
Difficulty: Beginner

INTRODUCTION TO JAVASCRIPT – THE LANGUAGE OF THE BROWSER!

JavaScript is the language of the browser! And not only that: JavaScript also remains the most popular programming language for the tenth time in a row and is used by almost 17.5 million developers worldwide (Source: State of the Developer Nation 2022). Not only do new developers see JavaScript as an attractive entry-level language, but existing developers are also using it to expand their skills. As a result, JavaScript is now used by more than half of the developers working on web applications. So this is a course you don't want to miss!

We will learn how to create dynamic web pages with JavaScript. The training sessions are very hands-on oriented in dedicated computer rooms. Participants can also bring their own laptop.
Through an active engagement, we will have a look at versatile use-cases of JavaScript and especially use it for validation purposes.

View online
Price: 64,00 €
Start date: 05.10.2024
Instructor(s): Vanessa Al Daham
Language: English
Difficulty: Intermediate

INTRODUCTION TO SQL, THE QUERY LANGUAGE FOR RELATIONAL DATABASES

SQL is the most popular query language par excellence and is used by many world-famous companies such as Facebook, Microsoft, Adobe and others. It is hard to imagine working with relational databases without SQL. In this very practical course we will not only learn about the language, but also perform various data queries on a MySQL server.
The training sessions are very hands-on oriented in dedicated computer rooms.
Through an active engagement, we will tackle various problem sets and discuss the different approaches.

View online
Price: 64,00 €
Start date: 23.11.2024
Instructor(s): Vanessa Al Daham
Language: English
Difficulty: Beginner

INTRODUCTION TO SQL, THE QUERY LANGUAGE FOR RELATIONAL DATABASES

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Through an active engagement, we will tackle various problem sets and discuss the different approaches.

View online
Price: 64,00 €
Start date: 07.09.2024
Instructor(s): Vanessa Al Daham
Language: English
Difficulty: Beginner
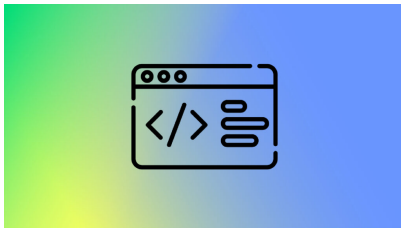
JAVA - JUNIOR DEVELOPER

The aim of this Learning Track is to provide full knowledge in coding with Java so that participants, who have no prior knowledge in Java programming, can take on a position as Java Jr Developer upon completion of the course.

View online
Price: 320,00 €
Start date: 09.09.2024
Instructor(s): Lisa Hennecart
Language: English
Difficulty: Beginner

JAVASCRIPT

Le moteur des applications web. Une étape obligatoire pour tout développeur web. Vous apprendrez tout ce qui est nécessaire pour le développement JavaScript ainsi que les bons cas d'usage.

[View online](#)
Price: 56,00 €
Start date: 13.06.2024
Instructor(s): Nicolas Frizzarin
Language: French
Difficulty: Beginner

LE FUTUR DU WEB

Nous sommes actuellement dans un virage technologique fort pour le développement front-end. Ce cours vous permettra de mieux appréhender les changements à venir pour répondre aux problèmes de demain.

[View online](#)
Price: 28,00 €
Start date: 17.09.2024
Instructor(s): Enes Koc
Language: French
Difficulty: Beginner
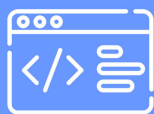
MODÈLISATION D'UNE BASE DE DONNÉES

SGBD
Préparer les données
Redondances de données
Trancher les données à l'aide de la matrice des dépendances
Définir clé primaire et clé étrangère
Etablir un modèle conceptuel de données
Les relations
Les cardinalités
Modèle logique des données
Représentation virtuelle des données
Modèle physique des données
Formes normales
Contrainte d'intégrité fonctionnelle

Ce cours permet aux participants de trancher parmi les données pour construire un modèle physique de données qui sert de plan pour construire une base de données. Le but principal est d'éviter des redondances et de détecter des contraintes d'intégrité fonctionnelle afin d'éviter des problèmes de gestion des données.

Des exercices pratiques mènent les participants à bien assimiler les tranches de théorie de la matière traitée.

View online
Price: 36,00 €
Start date: 10.10.2024
Instructor(s): GNAD Christiane
Language: French
Difficulty: Beginner

ORCHESTRER VOS APPLICATIONS AVEC KUBERNETES

Dernière étape d'une chaîne DevOps: être capable d'orchestrer ses ressources en vue d'optimiser ses déploiements. Dans ce module, nous aborderons les notions de cluster, d'unité de déploiement et de réplication. Pour ce faire, nous utiliserons Kubernetes, technologie opensource leader du marché.

View online
Price: 56,00 €
Start date: 23.09.2024
Instructor(s): Guillaume Homberg
Language: French
Difficulty: Beginner

PIPELINE DE DEPLOIEMENT AVEC GITOPS

Une fois vos application conteneurisées, il sera temps de construire une chaîne de build et de déploiement qui vous permettra d'industrialiser vos processus. Vous apprendrez ici les bases des pipelines en utilisant l'imprementation de GitHub. L'objectif est d'automatiser vos tests unitaires, votre build et enfin votre déploiement

View online
Price: 28,00 €
Start date: 16.09.2024
Instructor(s): Jérémy Albrecht
Language: French
Difficulty: Beginner

PYTHON - OBJECT ORIENTED PROGRAMMING AND DESKTOP APPLICATION CREATION

This course is ideal for anyone who already has a basic knowledge in Python coding and wants to learn how to develop high-level softwares using the world's most widely used programming language. The course will provide a comprehensive understanding of advanced tools and code structures in Python, reviewing functions, classes, databases and user interfaces. The aim of the course is to provide students with a better knowledge of coding with the Python language so that they are able to create professional software. The lesson will take place in an interactive and practical format, alternating between theory and exercises, where the students can apply their knowledge into practice. To maintain attention and a collaborative environment, there will be a final group project that will integrate everything that has been learned during the course.

View online
Price: 80,00 €
Start date: 25.11.2024
Instructor(s): Lisa Hennecart
Language: English
Difficulty: Intermediate
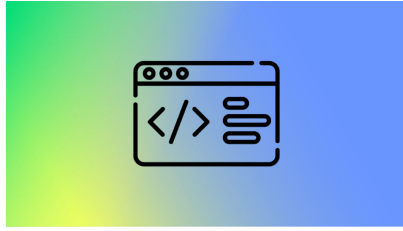
PYTHON BASICS

Apprendre à programmer en language Python.

Ce Learning Track (parcours d'apprentissage) est composé des quatre modules suivants :

[View online](#)
Price: 192,00 €
Start date: 03.09.2024
Instructor(s): GNAD Christiane
Language: French
Difficulty: Beginner

REACTJS

React est une librairie très utilisée concurrente à Angular. Le point fort de React est sa légèreté. Développée par les équipes de Facebook, cette librairie est incontournable dans l'écosystème actuel.

[View online](#)
Price: 56,00 €
Start date: 12.09.2024
Instructor(s): Enes Koc
Language: French
Difficulty: Beginner

Digital Learning Hub_

SEO FOR WEB DEVELOPERS & FRONT-END DEVELOPERS

This training covers the essentials of SEO for web development practitioners and is aimed at raising awareness among developers about how they can better support content editors, web marketers (and all the job positions involved in the SEO process) by integrating the tools best suited to their tasks, including AI, which is playing a major role in SEO today.

[View online](#)
Price: 48,00 €
Start date: 05.12.2024
Instructor(s): Ludovic GIAMBIASI
Language: English
Difficulty: Beginner

TYPESCRIPT

Typescript - Le Super Set de JavaScript. Aujourd'hui, TypeScript fait partie intégrante du développement front-end. Il apporte de grandes améliorations à JavaScript comme le typage fort. Maintenu par Microsoft, il est le langage de base de pléthore de framework web comme Angular.

[View online](#)
Price: 28,00 €
Start date: 20.06.2024
Instructor(s): Nicolas Frizzarin
Language: French
Difficulty: Beginner

VISION SYSTEMS FOR INDUSTRIAL ROBOTS

In the industrial world, the synergy between vision systems and robots has become increasingly prevalent and indispensable. Vision systems are essential tools used for quality inspection, coordinate determination, and various other tasks in industrial settings. This course, "Vision Systems for Industrial Robots," is designed to provide beginners with a comprehensive introduction to using vision applications in conjunction with industrial robots.

View online
Price: 64,00 €
Start date: 10.07.2024
Instructor(s): Adam Abdoellah
Language: English
Difficulty: Beginner

CYBERSECURITY

CYBERSÉCURITÉ, ENTRE FANTASME ET RÉALITÉ

Le monde d'aujourd'hui offre de vastes opportunités professionnelles et business, mais expose également de nombreux faiblesses pouvant être exploitées par des personnes malveillantes. La cybersécurité est désormais reconnue comme une sinon LA préoccupation majeure des conseils d'administration des entreprises. L'image stéréotypée d'un geek avec un sweat noir à capuche et tapant à toute vitesse sur son clavier avec des gants noirs ne reflète pas toute l'étendue offerte par cybersécurité : il s'agit d'un domaine offrant un grand nombre d'opportunités qui vont bien au-delà de ces stéréotypes.

Si vous souhaitez contribuer à rendre Internet plus sûr et donc par effet de rebond à améliorer la sécurité de la Société ; si vous êtes intéressé à travailler dans un domaine en constante évolution ; si vous recherchez une formation continue avec une certitude de débouché ; une carrière dans le secteur de la cybersécurité vous apportera tout cela, et bien plus encore.

Cette formation démystifiera la cybersécurité, en explorant l'étendue de ses sujets et des opportunités de carrière. Nous approfondirons les défis et les opportunités offertes sur le marché, nous parlerons de gestion de crise, de stratégies efficaces et des opportunités émergentes, ainsi que la préparation aux entretiens pour les postes de cybersécurité.

View online
Price: 12,00 €
Start date: 19.09.2024
Instructor(s): Cédric MAUNY
Language: French
Difficulty: Beginner

INTRODUCTION À LA CYBERSÉCURITÉ

Les technologies digitales et l'internet sont devenus indispensables dans la vie quotidienne.
De ce fait les attaques sur les systèmes d'information accroissent de jour en jour. Il est donc indispensable de connaître les méthodes et techniques des attaquants afin d'éviter des conséquences néfastes au niveau professionnel et privatif.

Ce cours offre une vue globale sur les systèmes d'informations et prépare les participants aux problèmes qui peuvent survenir dans le quotidien.

Le cours présente un échange constant entre le formateur et les participants. La théorie est illustrée par des petites séquences vidéo qui amènent les participants à réfléchir et qui sera base de discussion pour trouver des solutions pour contourner l'attaque.

View online
Price: 36,00 €
Start date: 07.11.2024
Instructor(s): GNAD Christiane
Language: French
Difficulty: Beginner

MICROSOFT SECURITY, COMPLIANCE, AND IDENTITY FUNDAMENTALS

Ce cours fournit des connaissances de base sur les concepts de sécurité, de conformité et d'identité, ainsi que sur les solutions Microsoft basées sur le cloud qui s'y rapportent.

Le support de cours et l'environnement des labs est en anglais.

View online
Price: 28,00 €
Start date: 06.09.2024
Instructor(s): Microsoft Certified Trainer Xavier NIX
Language: French
Difficulty: Beginner

MICROSOFT SECURITY, COMPLIANCE, AND IDENTITY FUNDAMENTALS

Ce cours fournit des connaissances de base sur les concepts de sécurité, de conformité et d'identité, ainsi que sur les solutions Microsoft basées sur le cloud qui s'y rapportent.

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View online
Price: 28,00 €
Start date: 09.12.2024
Instructor(s): Microsoft Certified Trainer Xavier NIX
Language: French
Difficulty: Beginner

PERSONAL DATA AND INFORMATION SECURITY – LEGAL STAKES AND NEW EU RULES

This course provides you with an introduction to the requirements of the General Data Protection Regulation (GDPR), how to comply and demonstrate compliance, how to address practical issues, and how to embed data protection into operations.

View online
Price: 16,00 €
Start date: 02.10.2024
Instructor(s): TOME, Michaël
Language: English
Difficulty: Beginner

SENSIBILISATION À LA SÉCURITÉ DE L'INFORMATION

Cette formation de sensibilisation initie les participants aux risques liés aux ordinateurs, aux appareils mobiles et à l'internet. En ce qui concerne les violations de données et les cyberattaques, ce sont surtout les personnes qui sont visées par les cybercriminels, et non les ordinateurs. À l'aide de nombreux exemples concrets, la session interactive vise à confronter les participants à des menaces auxquelles ils seront confrontés dans la vie de tous les jours, et à leur apprendre à maîtriser ces situations. Les participants qui auront suivi la formation seront beaucoup plus résistants face à ces cyber-risques.

View online
Price: 12,00 €
Start date: 05.11.2024
Instructor(s): Muller, Steve
Language: French
Difficulty: Beginner

SMARTPHONES ARE HARD TO HACK: MYTH OR REALITY?

Since the birth of the iPhone in 2007, the smartphone has become our mobile device of choice, allowing us to be more connected and productive than ever. With these extremely powerful mini computers in our pockets, containing private, confidential and sometimes sensitive data, it has evolved into an increasing target for hackers and government agencies alike from all over the globe. Hence, it is of importance to understand the major threat vectors as well as how to reduce the risks of our smartphone getting hacked. Through a mix of theory, real world examples and interactive discussions, you'll discover how easy or difficult it can be to compromise a modern smartphone.

To help you take note digitally, you'll receive a fill-able PDF workbook, that you can print if you prefer taking notes manually. To evaluate your knowledge and understanding, there will be three short quizzes throughout the training. This 1-day training will take place in-person between 09:00 and 16:00 (lunch break between 12:00 and 13:00).

View online
Price: 24,00 €
Start date: 24.10.2024
Instructor(s): Schreurs, Damien
Language: English
Difficulty: Beginner

TCP/IP DEEP DIVE FOR PRACTIONERS WITH WIRESHARK

This course will provide you with an explanation of important internet and TCP/IP protocols by going through practical exercises using Wireshark for each protocol. The course will also explain Wireshark GUI and its functionality for packet analsyis.
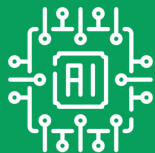
[View online](#)
Price: 48,00 €
Start date: 20.06.2024
Instructor(s): Dr. Hommes, Stefan
Language: English
Difficulty: Intermediate

DATA & AI

AI & ETHICS

This course is designed to deepen participants' understanding of AI and its ethical dimensions, equipping them to consciously and responsibly navigate the challenges and opportunities AI technologies present. We use interactive tools in an engaging environment with hands-on activities that promote learning by doing. Participants are encouraged to develop AI projects aimed at solving real-world problems, with an emphasis on incorporating ethical principles to create inclusive and ethical AI solutions.

Spanning three days, the course begins with a comprehensive introduction to AI, including machine learning, deep learning, and their applications, and explores the future prospects of AI technology. On the second day, we delve into AI ethics, where participants propose projects, examine the roles of different stakeholders in AI, and learn about AI development tools. The final day focuses on fairness, bias, and explainable AI (XAI), concluding with participants reflecting on and presenting their projects, considering the ethical aspects learned throughout the course.

[View online](#)
Price: 48,00 €
Start date: 08.07.2024
Instructor(s): SHOJAEE Nooshin
Language: English
Difficulty: Beginner

DÉCOUVERTE DU DATA WAREHOUSE : CONCEPTS, MODÉLISATION, ALIMENTATION (ETL) ET RESTITUTION

L'analyse des données est un processus qui permet d'analyser les performances d'une entreprise, qu'elles soient passées, présentes ou futures, et aide les décideurs à prendre des actions éclairées. Dans le cadre de ce processus d'analyse, les organisations passent par trois étapes. Premièrement, elles collectent des données à partir de systèmes informatiques opérationnels et de sources externes. Deuxièmement, elles transforment et préparent ces données pour l'analyse. Troisièmement, elles exécutent des requêtes sur ces données et créent des visualisations de données, c'est-à-dire des tableaux de bord Business Intelligence (BI) et des rapports pour mettre les résultats analytiques à la disposition des utilisateurs pour une prise de décision

optimale. L'objectif de cette activité étant de prendre les meilleures décisions est de permettre aux entreprises par exemple d'augmenter leurs revenus, d'améliorer leur efficacité opérationnelle et d'obtenir des avantages concurrentiels par rapport à la compétition.

[View online](#)
Price: 96,00 €
Start date: 13.11.2024
Instructor(s): Gaioni, Damien, Abboud, Georges
Language: French
Difficulty: Beginner
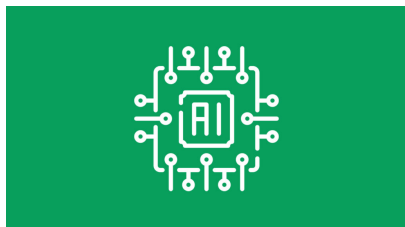
HOW TO COPE WITH THE FUTURE AI ACT

If assisted tools are acknowledged to improve process of organisations, there are also growing concerns about their embedded algorithms which remain biased. Like previously with General Data Protection Regulation (GDPR), companies will have to comply with an upcoming EU regulation relating to their use of AI assisted systems in order to prevent the perpetuation of historical patterns of discrimination (e.g., against women, certain age groups, persons with disabilities, or persons of certain racial or ethnic origins or sexual orientation).

This training will help organisations cope with the future AI Act. To learn more about this regulation: https://artificialintelligenceact.eu/

[View online](#)
Price: 16,00 €
Start date: 14.11.2024
Instructor(s): Marie Gallais
Language: English
Difficulty: Intermediate

INTRODUCTION À L'ÉMERGENCE DE L'ANALYSE DE DONNÉES

Le cours "Introduction à l'émergence de l'analyse de données: Comprendre l'avènement des systèmes d'information d'aide à la décision" explore l'histoire et l'importance de l'analyse de données dans les systèmes d'information d'aide à la décision, retraçant son évolution depuis le traitement de données de base jusqu'à l'utilisation sophistiquée des mégadonnées et de l'IA dans les pratiques commerciales contemporaines. À travers un mélange d'aperçus théoriques, d'études de cas pratiques et de projets pratiques, les étudiants exploreront le développement et l'application des systèmes d'aide à la décision, acquérant une maîtrise des techniques d'analyse de pointe telles que l'apprentissage automatique et l'analyse prédictive. Ce programme complet équipe les apprenants des compétences nécessaires pour analyser les données de manière critique, développer des idées exploitables et exploiter les systèmes d'information pour une prise de décision éclairée, les préparant à des carrières réussies dans le domaine dynamique de l'analyse de données et de la Business Intelligence.

View online
Price: 32,00 €
Start date: 13.11.2024
Instructor(s): Gaioni, Damien, Abboud, Georges
Language: French
Difficulty: Beginner
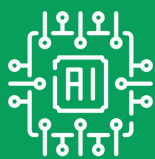
INTRODUCTION AUX DIFFÉRENTS OUTILS DE REPORTING

Le cours "Introduction aux Différents Outils de Reporting" est conçu pour initier les apprenants à la gamme d'outils de reporting disponibles sur le marché pour la visualisation des données à partir d'un entrepôt de données ou d'un datamart. À travers une combinaison de conférences, d'ateliers pratiques et d'études de cas réels, les apprenants exploreront les fonctionnalités, les avantages et les applications pratiques de différents outils de reporting. Ce cours vise à doter les participants des compétences nécessaires pour sélectionner et utiliser l'outil de reporting le plus approprié pour visualiser et interpréter les données, renforçant ainsi leur capacité à prendre des décisions éclairées basées sur des ensembles de données complexes. À la fin du cours, les apprenants auront une compréhension approfondie de la manière de communiquer efficacement les informations tirées des données à travers des visualisations convaincantes, les préparant ainsi à des rôles nécessitant une expertise en intelligence d'affaires et en analyse de données.

View online
Price: 32,00 €
Start date: 27.11.2024
Instructor(s): Gaioni, Damien, Abboud, Georges

Language: French
Difficulty: Beginner

INTRODUCTION AUX OUTILS ETL

Le cours "Introduction aux Outils ETL: Apprenez à connaître les outils ETL disponibles sur le marché pour alimenter un entrepôt de données/datamart " est conçu pour familiariser les étudiants avec les technologies essentielles de l'Extraction, de la Transformation et du Chargement (ETL), qui sont fondamentales dans la construction d'un entrepôt de données ou d'un datamart. À travers des conférences théoriques, des démonstrations pratiques et des exercices appliqués, ce cours offre un aperçu complet des outils ETL disponibles sur le marché, en mettant l'accent sur leurs fonctionnalités, leurs caractéristiques uniques et leurs applications réelles dans le domaine de l'intelligence d'affaires. Les participants apprendront comment ces outils aident à intégrer les données provenant de différentes sources, à les transformer selon des besoins spécifiques, et à les charger dans des entrepôts de données pour une analyse approfondie. Ce programme est parfait pour ceux qui cherchent à maîtriser les pratiques modernes de gestion des données et à améliorer les processus de prise de décision dans un environnement professionnel.

[View online](#)
Price: 32,00 €
Start date: 20.11.2024
Instructor(s): Gaioni, Damien, Abboud, Georges
Language: French
Difficulty: Beginner

INTRODUCTION TO DEEP LEARNING FOR ARTIFICIAL INTELLIGENCE

In an era where artificial intelligence (AI) is at the forefront of technological and economic advancement, understanding its intricacies has become crucial for professionals across various sectors. This intermediate-level course aims to equip participants with a comprehensive understanding of deep learning, a pivotal branch of AI responsible for significant breakthroughs in the digital world. Targeted at any individuals with a basic understanding of Python programming and mathematics, the training seeks to demystify the scientific and technological foundations of deep learning, including linear algebra, calculus, and software engineering, alongside practical skills in using deep learning frameworks like PyTorch and Keras.

The course covers essential concepts from the basics of neural networks, activation functions, and data handling, to the application of various architectures like ANNs, CNNs and Transformers. It emphasizes hands-on learning through exercises, projects, and interactive discussions, ensuring participants can design, implement, and refine neural networks effectively. Moreover, it addresses the social and ethical dimensions of AI, preparing attendees to make responsible decisions in AI deployment or use. This blend of theoretical knowledge and practical application, set in an on-site format conducive to immersive learning, makes the course an invaluable opportunity for those looking to deepen their expertise in AI or integrate AI solutions into their work, fostering a future-ready skill set in the rapidly evolving landscape of artificial intelligence.

This course will cover:

- Scientific and technological foundations
- Basic concepts of deep learning
- Main architectures of deep learning
- Mini-Project - Applying the learned concepts
- Ethics and society - Organizing to live with AI

[View online](#)
Price: 84,00 €
Start date: 13.06.2024
Instructor(s): Prof. Dr. GUELFI Nicolas
Language: English
Difficulty: Intermediate
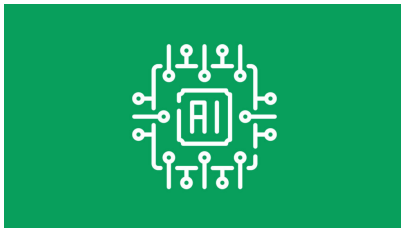
INTRODUCTION TO R PROGRAMMING LANGUAGE

This course offers a detailed exploration of R programming covering syntax, data types, data structures, control structures, and statistical analysis. Participants will engage in hands-on exercises to apply R in practical scenarios, enhancing their data manipulation and visualisation skills.

[View online](#)
Price: 84,00 €
Start date: 23.09.2024
Instructor(s): David Ferns
Language: English
Difficulty: Intermediate

Digital Learning Hub_

JOURNEY TO AI AND CHATGPT

In this journey, the learner gets an overview the history of AI, its ups and downs, a glimps behind the scene how it works and how an AI system can be used in daily life. Some AI systems are analysed to provide precise illustrations on the opportunities and limitations of AI. ChatGPT is studied more in detail, how prompting helps to fully profite of this chatbot and how similar AI systems may help us in our professional work.

View online
Price: 12,00 €
Start date: 13.06.2024
Instructor(s): Dr Serge Linckels
Language: English
Difficulty: Beginner

JOURNEY TO AI AND CHATGPT

In this journey, the learner gets an overview the history of AI, its ups and downs, a glimps behind the scene how it works and how an AI system can be used in daily life. Some AI systems are analysed to provide precise illustrations on the opportunities and limitations of AI. ChatGPT is studied more in detail, how prompting helps to fully profite of this chatbot and how similar AI systems may help us in our professional work.

View online
Price: 12,00 €
Start date: 26.09.2024
Instructor(s): Dr Serge Linckels
Language: English
Difficulty: Beginner

JOURNEY TO AI AND CHATGPT

In this journey, the learner gets an overview the history of AI, its ups and downs, a glimps behind the scene how it works and how an AI system can be used in daily life. Some AI systems are analysed to provide precise illustrations on the opportunities and limitations of AI. ChatGPT is studied more in detail, how prompting helps to fully profite of this chatbot and how similar AI systems may help us in our professional work.

View online
Price: 12,00 €
Start date: 28.11.2024
Instructor(s): Dr Serge Linckels
Language: English
Difficulty: Beginner

PERSONAL DATA AND INFORMATION SECURITY – LEGAL STAKES AND NEW EU RULES

This course provides you with an introduction to the requirements of the General Data Protection Regulation (GDPR), how to comply and demonstrate compliance, how to address practical issues, and how to embed data protection into operations.
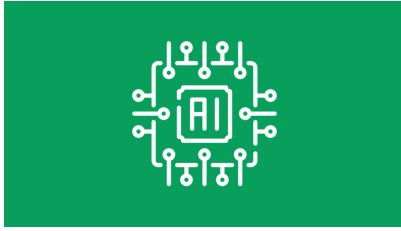
View online
Price: 16,00 €
Start date: 02.10.2024
Instructor(s): TOME, Michaël
Language: English
Difficulty: Beginner

PROBABILITY FOR DATA SCIENCE

The course will first focus on probability distributions, covering measures of central tendency (mean, median, and mode), variance, skewness, kurtosis, and the concept of expected value. Visual tools for data description and distribution visualization will also be introduced. In a second part, we will delve into the probability distribution of multivariate random variables, exploring joint distribution, marginal distribution, conditional distribution, and covariance.

View online
Price: 36,00 €
Start date: 24.06.2024
Instructor(s): Prof. Dr. Ivan Nourdin
Language: English
Difficulty: Beginner
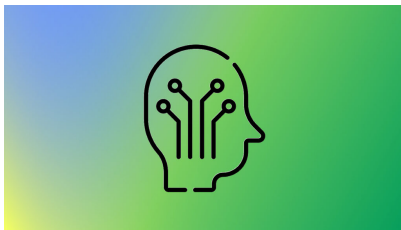
TABLEAU ANALYTICS PLATFORM

This learning track encompasses the fundamental concepts and techniques for working with the complete Tableau Analytics Platform, which includes Tableau Desktop, Tableau Cloud, Tableau Server and Tableau Prep.

The courses are designed for individuals who are new to Tableau or have some experience. It caters to anyone who deals with data, regardless of their technical or analytical expertise.

Whether you're a data analyst, data scientist, or an individual just starting with Tableau (or even someone comfortable with Excel), this course will help you get up to speed. You'll learn essential skills for analyzing data in Tableau, including connecting to data sources, customizing data, creating visualizations, and building interactive dashboards.

View online
Price: 84,00 €
Start date: 20.06.2024
Instructor(s): Albrecht, Steve
Language: English
Difficulty: Intermediate

TABLEAU CREATOR - INTERMEDIATE

This two-day course has been specifically designed for individuals who already possess a good level of proficiency in using Tableau and are eager to enhance their skills further.

It is required that you have either completed the 'Tableau Creator – Fundamentals' course or have a minimum of three months of experience using Tableau.

Prior to beginning this course, it is essential that you possess knowledge of how to establish a connection to data, create visualizations by utilizing fields on shelves and the marks card, filter, and sort data, as well as construct a dashboard. It is important to note that this course caters to individuals who are using Tableau Desktop (compared to web authoring).

You will learn how to effectively restructure data by using Data Interpreter, pivots, and splits. Furthermore, you will gain a deeper understanding of data sources, including how to replace them, employ relationship and join calculations, and create unions using wildcard searches.

Specifically focusing on challenges associated with blended data, you will receive valuable guidance on selecting the most appropriate method for combining data.

To enhance your filtering skills, you will learn how to use advanced filtering techniques to analyse subsets of data and filter across multiple data sources within a dashboard. Additionally, you will develop analytical capabilities by aggregating dimensions in calculated fields, customizing table calculations, and using level-of-detail (LOD) expressions to perform complex analysis.

To achieve more advanced analytics, you will be introduced to creating advanced parameters and displaying data trends and forecasts.

In relation to using geographical maps, you will discover the advantages of employing marks layers to present a greater amount of data. Furthermore, you will become familiar with best practices for selecting and formatting map types, as well as using background layers.

In terms of creating robust and customized dashboards, you will learn how to develop navigation buttons, use layout containers, and create personalized colour and shape palettes.

Lastly, you will become proficient in managing the content you have published, which includes data sources, extracts. You will gain knowledge on how to create subscriptions and set alerts on published views that you wish to track.

[View online](#)
Price: 64,00 €
Start date: 02.07.2024
Instructor(s): Albrecht, Steve
Language: English
Difficulty: Intermediate

DESIGN THINKING

DESIGN THINKING CRASH COURSE

Design Thinking is a human-centered approach on conceptual thinking where you can turn your ideas into real world projects.

[View online](#)
Price: 28,00 €
Start date: 16.07.2024
Instructor(s): Koen Cloostermans
Language: English
Difficulty: Beginner

FROM CODE TO MOTION: COMBINING ROBOTICS AND CODING FOR INDUSTRIAL AUTOMATION

Discover the fascinating world of industrial robotics with comprehensive training program. Designed for beginners, this training will provide you with a solid introduction to robotics and equip you with essential skills to thrive in this field.

Throughout the course, you will delve into key elements of robotics, starting with an in-depth exploration of the fundamental principles that underpin this cutting-edge technology. From there, you will progress to robotics programming, where you will learn to program robots using a variety of languages, including Teach & Play, Blocky, and introductory Python.

The course goes beyond theory by emphasizing practical applications of robotics. You will gain insights into real-world scenarios where robots are utilized across different industries and sectors. Additionally, you will have hands-on experience working with dobot robots, enabling you to develop and program robots to perform specific tasks in both manual and autonomous modes.

Collaboration is a vital aspect of our workshop, as you will engage with fellow participants to complete a final project that showcases your understanding of robotics and programming concepts. By the end of the course, you will have acquired a solid foundation in robotics, mastered programming techniques, and developed critical thinking skills applicable to real-life situations.

Don't miss this opportunity to unlock your potential in the exciting field of industrial robotics. Enroll today and embark on a transformative learning journey that will broaden your horizons and open doors to endless possibilities.

View online
Price: 160,00 €
Start date: 17.06.2024
Instructor(s): Abdoellah Adam
Language: English
Difficulty: Beginner

HUMAN AND PLANET CENTRED DESIGN IN PROGRAMMING WITH PYTHON

Learn to develop software applications and projects that contribute to society while valuing our planet's assets.

As an approach to green computing, sustainable coding practices and energy efficient programming, this course will introduce human-centred and planet-centred design principles and demonstrate the importance of incorporating both human and planetary considerations in programming projects. Participants will embark on a transformative journey to create Python projects while learning and applying a new mindset for programming.

During four sessions of five hours each, we will learn about real world examples of successful human-centred and planet-centred design projects and explore the principles, methodologies, and practical applications of integrating such concepts into Python projects, all while gaining a deeper understanding of sustainability and its relevance in programming.

Session 1: Introduction to Human and Planet-centred Design
Session 2: Design Thinking for Python Projects
Session 3: Sustainable Development with Python
Session 4: Integration and Project Showcase

View online
Price: 80,00 €
Start date: 18.06.2024
Instructor(s): Mancellari Enea
Language: English
Difficulty: Intermediate

INTRODUCTION TO TOKENIZATION

This class is designed to give all the basics about tokenization and especially how to use tokenization as a mecanism to obtain financing. It will also provide all necessary information about the various actors of the ecosystem.

[View online](#)
Price: 14,00 €
Start date: 25.06.2024
Instructor(s): Alvaro Garrido Mesa
Language: English
Difficulty: Beginner

LEGAL ASPECTS OF TOKENIZATION

With a focus on security tokens, the course deep dives into the regulatory framework associated with the tokenization of assets. It is the follow-up from the course Introduction to Tokenization. This course has been created as Luxembourg is recognized internationally as a place to do Tokenization and is rich in possibilities.

[View online](#)
Price: 14,00 €
Start date: 25.06.2024
Instructor(s): Alvaro Garrido Mesa
Language: English
Difficulty: Beginner

GOVERNANCE

CYBERSECURITY ACT & TECHNICAL STANDARDIZATION

Nowadays, regulations and standardization play a key role in the process of digital transformation. The field of cybersecurity is well-regulated and aims to provide a high level of security and trust in ICT products, services and processes. This course gives a general introduction of certification schemes developed in the frame of this EU Regulation.

This training will make the participants aware of the Regulation (EU) 2019/881 (Cybersecurity Act – CSA), which aims to provide a high level of cybersecurity and trust in ICT products, services and processes in the EU. The certification schemes developed in the frame of this Regulation (EUCC – ICT products, EUCS – Cloud services) will be introduced.

It will provide an overview of the standardization developments supporting cybersecurity and the CSA (introduction to technical standardization, presentation of the national standardization commission "Cybersecurity", examples of standards in support of the CSA).

View online
Price: 16,00 €
Start date: 22.10.2024
Instructor(s): Dr. Jean Lancrenon, Mr. Nicolas Domenjoud
Language: English
Difficulty: Beginner

IMPROVE YOUR STAKEHOLDER COMMUNICATION USING THE DISC METHODOLOGY

Information technology and digital skills continue to gain in importance in today's business. As such, strong ICT profiles are rare to find, and very sought after. Technical skills, however, are only one side of the coin. Next to being technology-savvy and IT-adept, the human facet remains essential to your professional progression and career. Understanding the client and their needs, communicating in an effective way, and ultimately selling your skills, your project and/or your products and services are just as crucial. This 4-hour workshop aims at equipping you with the ability to better understand yourself, and to adapt to the various stakeholders, especially non-technical, in order to be effective and successful in your business undertakings.

View online
Price: 16,00 €
Start date: 12.07.2024
Instructor(s): Federspiel, Catherine, Federspiel, Catherine
Language: English
Difficulty: Beginner

IMPROVE YOUR STAKEHOLDER COMMUNICATION USING THE DISC METHODOLOGY

Information technology and digital skills continue to gain in importance in today's business. As such, strong ICT profiles are rare to find, and very sought after. Technical skills, however, are only one side of the coin. Next to being technology-savvy and IT-adept, the human facet remains essential to your professional progression and career. Understanding the client and their needs, communicating in an effective way, and ultimately selling your skills, your project and/or your products and services are just as crucial. This 4-hour workshop aims at equipping you with the ability to better understand yourself, and to adapt to the various stakeholders, especially non-technical, in order to be effective and successful in your business undertakings.

View online
Price: 16,00 €
Start date: 25.10.2024
Instructor(s): Federspiel, Catherine, Federspiel, Catherine, Federspiel, Catherine
Language: English
Difficulty: Beginner

ISO 37301 COMPLIANCE MANAGEMENT SYSTEM – INTRODUCTION

This course will deal with the standards of ISO 37301 ISO standards, review the norms , give keys to evaluation with practice considering the participants situations and contexts

View online
Price: 32,00 €
Start date: 13.11.2024
Instructor(s): DEMETS Marnik
Language: English
Difficulty: Beginner

PREPARATION FOR ISTQB FOUNDATION LEVEL CERTIFICATION

This course is designed for individuals who want to prepare for the ISTQB Foundation Level exam by practicing with real exams that come with detailed answers. It is ideal for those who have questions about the syllabus and would like to consult with our certified trainer before taking the exam. We can assist you in preparing for the exam based on the 2018 version of the syllabus. The choice of which option is best for you is yours to make!
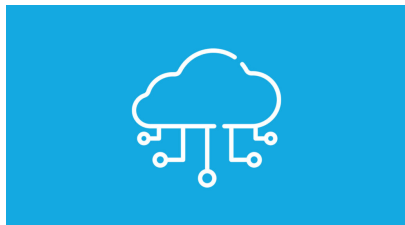
View online
Price: 80,00 €
Start date: 19.09.2024
Instructor(s): Bournonville Renaud
Language: English
Difficulty: Beginner

IT ADMINISTRATION & CLOUD

AUTOMATING ADMINISTRATION WITH WINDOWS POWERSHELL

Ce cours permet aux étudiants d'acquérir les connaissances et les compétences fondamentales pour utiliser PowerShell afin d'administrer et d'automatiser l'administration des serveurs Windows. Ce cours permet aux étudiants d'identifier et de construire la commande dont ils ont besoin pour effectuer une tâche spécifique. En outre, les étudiants apprennent à construire des scripts pour accomplir des tâches avancées telles que l'automatisation de tâches répétitives et la génération de rapports.

En outre, le cours fournit des compétences préalables prenant en charge une large gamme de produits Microsoft, notamment Windows Server, Windows Client, Microsoft Azure et Microsoft 365. Conformément à cet objectif, ce cours ne se concentre pas sur l'un de ces produits, bien que Windows Server, qui est la plateforme commune à tous ces produits, serve d'exemple pour les techniques enseignées dans ce cours.

Le support de cours et l'environnement des labs est en anglais.

View online
Price: 140,00 €
Start date: 09.09.2024
Instructor(s): Microsoft Certified Trainer Xavier NIX
Language: French
Difficulty: Intermediate

AUTOMATING ADMINISTRATION WITH WINDOWS POWERSHELL

Ce cours permet aux étudiants d'acquérir les connaissances et les compétences fondamentales pour utiliser PowerShell afin d'administrer et d'automatiser l'administration des serveurs Windows. Ce cours permet aux étudiants d'identifier et de construire la commande dont ils ont besoin pour effectuer une tâche spécifique. En outre, les étudiants apprennent à construire des scripts pour accomplir des tâches avancées telles que l'automatisation de tâches répétitives et la génération de rapports.

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Le support de cours et l'environnement des labs est en anglais.

View online
Price: 140,00 €
Start date: 16.12.2024
Instructor(s): Microsoft Certified Trainer Xavier NIX
Language: French
Difficulty: Intermediate

AWS CLOUD PRACTITIONER ESSENTIALS

This module is for individuals who seek an overall understanding of the Amazon Web Services (AWS) Cloud, independent of specific technical roles. You will learn about AWS Cloud concepts, AWS services, security, architecture, pricing, and support to build your AWS Cloud knowledge.

View online
Price: 28,00 €
Start date: 12.09.2024
Instructor(s): Experienced trainer with multiple certifications and practical experience in AWS environment Charon, Jean-Noël
Language: French
Difficulty: Beginner

AWS CLOUD PRACTITIONER ESSENTIALS

This module is for individuals who seek an overall understanding of the Amazon Web Services (AWS) Cloud, independent of specific technical roles. You will learn about AWS Cloud concepts, AWS services, security, architecture, pricing, and support to build your AWS Cloud knowledge.
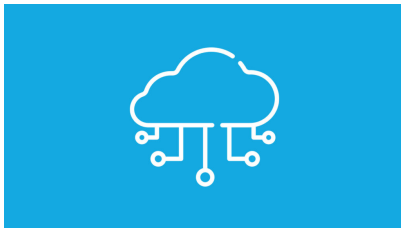
View online
Price: 28,00 €
Start date: 28.11.2024
Instructor(s): Experienced trainer with multiple certifications and practical experience in AWS environment Charon, Jean-Noël
Language: French
Difficulty: Beginner

DEVOPS FUNDAMENTALS

When a company wants to implement a DevOps culture, it is important that all the actors who will be part of the journey understand what the DevOps culture is and what it can bring to their daily lives. This module guarantees that the participants will be aligned with the DevOps culture in terms of vocabulary, basic principles, and concepts.

View online
Price: 28,00 €
Start date: 18.06.2024
Instructor(s): Davy Detaille
Language: French
Difficulty: Beginner

DEVOPS FUNDAMENTALS

When a company wants to implement a DevOps culture, it is important that all the actors who will be part of the journey understand what the DevOps culture is and what it can bring to their daily lives. This module guarantees that the participants will be aligned with the DevOps culture in terms of vocabulary, basic principles, and concepts.

[View online](#)
Price: 28,00 €
Start date: 24.09.2024
Instructor(s): Davy Detaille
Language: French
Difficulty: Beginner

DEVOPS FUNDAMENTALS

When a company wants to implement a DevOps culture, it is important that all the actors who will be part of the journey understand what the DevOps culture is and what it can bring to their daily lives. This module guarantees that the participants will be aligned with the DevOps culture in terms of vocabulary, basic principles, and concepts.

[View online](#)
Price: 28,00 €
Start date: 10.12.2024
Instructor(s): Davy Detaille
Language: French
Difficulty: Beginner

FINOPS CLOUD PLATFORM COST MANAGEMENT

Cost management is a challenge with cloud platforms, with a new consumption-based model dominated by OPEX, is stark contrast with the op-premises model make mainly of CAPEX, fixed hardware, and licenses costs. After this module, students will acquire a good understanding of the new model, and how it can be managed and optimized in Azure. Azure is taken as an example and the processes can be transplanted to AWS and Google.

View online
Price: 28,00 €
Start date: 20.06.2024
Instructor(s): Davy Detaille
Language: French
Difficulty: Beginner

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View online
Price: 28,00 €
Start date: 26.09.2024
Instructor(s): Davy Detaille
Language: French
Difficulty: Beginner

Digital Learning Hub_

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View online
Price: 28,00 €
Start date: 12.12.2024
Instructor(s): Davy Detaille
Language: French
Difficulty: Beginner

GOOGLE CLOUD FUNDAMENTALS

This module provides an overview of Google Cloud Platform products and services. Through a combination of presentations, demos, and hands-on labs, you will learn the value of Google Cloud Platform and how to incorporate cloud-based solutions into business strategies.

View online
Price: 28,00 €
Start date: 13.06.2024
Instructor(s): Simon Vanhaverbeke
Language: English
Difficulty: Beginner

INTRODUCTION TO CLOUD COMPUTING

This module is an introductory level course for understanding the cloud technology concepts. No matter what your role is, Cloud computing is rapidly becoming an essential skill for any worker.

Following the increase of digital tools and the growing need of IT professionals requiring cloud computing skills, this module is open to anyone who needs to understand Cloud Computing.

Cloud computing offers many potential advantages in terms of cost reduction, flexibility, scalability and efficiency
This module offers a well-balanced mix of theory, case studies and hands-on work.

View online
Price: 28,00 €
Start date: 10.09.2024
Instructor(s): Davy Detaille
Language: French
Difficulty: Beginner

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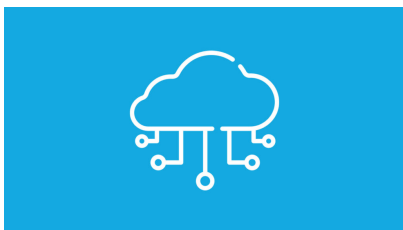This module offers a well-balanced mix of theory, case studies and hands-on work.

View online
Price: 28,00 €
Start date: 26.11.2024
Instructor(s): Davy Detaille
Language: French
Difficulty: Beginner

INTRODUCTION TO COMPUTER NETWORKS

A general and theoretical introduction to computer networks, according to the ISO/OSI Layer Model, after the famous book by Andres S. Tanenbaum. We will explain how networks work, from the inside out, providing an understanding of the main concepts and topics. Beginning with the physical layer of networking, computer hardware and transmission systems, we will work our way up to network applications.

The course content is organised in five units which will be taught over 5 days. Each course unit uses a consistent approach in which the key principles are first presented, then illustrated utilizing real-world example networks with some practical exercises.

View online
Price: 120,00 €
Start date: 24.10.2024
Instructor(s): Dr Nico Binsfeld
Language: English
Difficulty: Intermediate

IT BASICS: AFÉIERUNG FIR ELEKTRESCH CIRCUITEN, COMPUTER NETZWIERKER AN BETRIBSSYSTEMER

Dëse Cours besteet aus 4 Sessioune mat verschiddenen Themen. Wärend dësem Cours kritt Dir eng Aféierung fir Elektrizitéit an elektresch Circuiten, eng Aféierung fir Computer Netzwierker, eng Aféierung fir Windows Betribssystemer an eng Aféierung fir Linux Betribssystem.

View online
Price: 64,00 €
Start date: 16.12.2024
Instructor(s): Dr Nico Binsfeld
Language: Luxembourgish
Difficulty: Beginner

MICROSOFT AZURE ADMINISTRATOR

La formation Azure Administrator permet aux stagiaires de prendre en main la plate forme cloud Azure de Microsoft et de gérer tous les aspects liés aux principales technologies de cet écosystème.
Cette formation enseigne aux professionnels de l'informatique à gérer leurs abonnements Azure, à sécuriser les identités, à administrer l'infrastructure, à configurer la mise en réseau virtuelle, à connecter Azure et sur site, à gérer le trafic du réseau, à mettre en œuvre des solutions de stockage, à créer et mettre à l'échelle des machines virtuelles, à mettre en œuvre des applications Web et des conteneurs, à sauvegarder et partager des données et à surveiller votre solution.

Le support de cours et l'environnement des labs est en anglais.

View online
Price: 112,00 €
Start date: 03.12.2024
Instructor(s): Microsoft Certified Trainer Xavier NIX
Language: French
Difficulty: Intermediate

MICROSOFT SECURITY, COMPLIANCE, AND IDENTITY FUNDAMENTALS

Ce cours fournit des connaissances de base sur les concepts de sécurité, de conformité et d'identité, ainsi que sur les solutions Microsoft basées sur le cloud qui s'y rapportent.

Le support de cours et l'environnement des labs est en anglais.

View online
Price: 28,00 €
Start date: 06.09.2024
Instructor(s): Microsoft Certified Trainer Xavier NIX
Language: French
Difficulty: Beginner

MICROSOFT SECURITY, COMPLIANCE, AND IDENTITY FUNDAMENTALS

Ce cours fournit des connaissances de base sur les concepts de sécurité, de conformité et d'identité, ainsi que sur les solutions Microsoft basées sur le cloud qui s'y rapportent.

Le support de cours et l'environnement des labs est en anglais.

View online
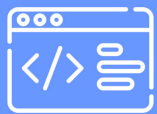**Price:** 28,00 €
Start date: 09.12.2024
Instructor(s): Microsoft Certified Trainer Xavier NIX
Language: French
Difficulty: Beginner

SEO FOR WEB DEVELOPERS & FRONT-END DEVELOPERS

This training covers the essentials of SEO for web development practitioners and is aimed at raising awareness among developers about how they can better support content editors, web marketers (and all the job positions involved in the SEO process) by integrating the tools best suited to their tasks, including AI, which is playing a major role in SEO today.

View online
Price: 48,00 €
Start date: 05.12.2024
Instructor(s): Ludovic GIAMBIASI
Language: English
Difficulty: Beginner

TCP/IP DEEP DIVE FOR PRACTIONERS WITH WIRESHARK

This course will provide you with an explanation of important internet and TCP/IP protocols by going through practical exercises using Wireshark for each protocol. The course will also explain Wireshark GUI and its functionality for packet analsyis.

[View online](#)
Price: 48,00 €
Start date: 20.06.2024
Instructor(s): Dr. Hommes, Stefan
Language: English
Difficulty: Intermediate

YOUR JOURNEY TO THE CLOUD

The training program "Your Journey to the Cloud" is based in 6 modules. This program is a golden opportunity for those who are willing to build or reinforce their skills in Cloud Computing and to boost their Cloud career.

It consists of the following modules:

[View online](#)
Price: 168,00 €
Start date: 10.09.2024
Instructor(s): Davy Detaille, Jean-Noël Charon, Ismet Bigay
Language: English
Difficulty: Beginner

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View online
Price: 168,00 €
Start date: 26.11.2024
Instructor(s): Davy Detaille, Jean-Noël Charon, Ismet Bigay
Language: English
Difficulty: Beginner