



# The Codecool Way





## Who we are

We started as a programming school with a unique way of teaching. Ten years and 3000 graduates later, we've grown into a [digital powerhouse](#).

Today, we deliver 60+ digital skilling courses with 20+ [AI-powered learning paths](#) and multiple training options to individuals and companies that want to scale up in a digital world. We source talents to and collaborate with 450+ corporate partners, and support EU-wide initiatives to raise digital literacy across the CEE region.



# The urgency is clear



*Missing skills are the biggest roadblock to digital transformation.*

Globally, 150-200 million workers lack vital AI skills - and the impact is growing. By 2040, over 1 billion people may miss out on job opportunities simply because they can't work with AI.

The skills gap isn't just a workforce issue — it's holding businesses back. In Hungary, for example, only 7.4% of companies use AI because the necessary talent to deploy new technologies is missing.

Without action, outdated skills lead to stalled growth and staff reductions. It has never been more impactful to invest in your people's knowledge.

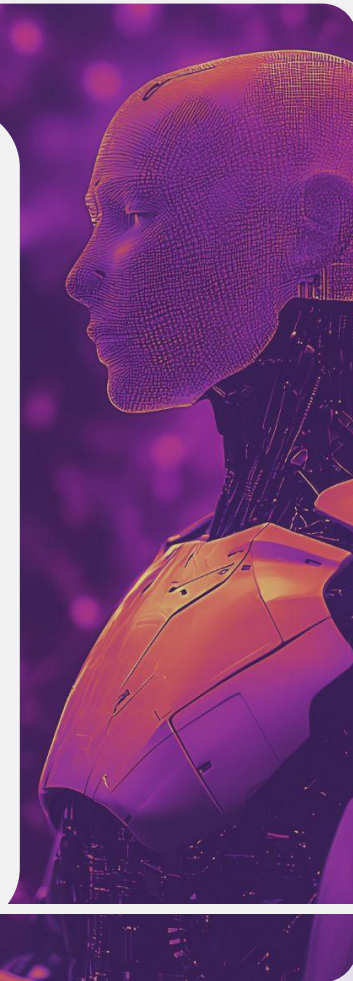
# Build skills for the AI era

Imagine your teams being more productive, costs lowering and putting admin tasks on autopilot.

That's what happens when when your team is digitally adept and AI is done right.

We combine hands-on, AI-powered training with real-world readiness to speed up your digitalization and help you stay ahead.

Source: John, Rincy. "Artificial Intelligence (AI) Statistics 2025: Key Facts & Insights." Webandcrafts Blog, 18 June 2025



**Why? What? Who? How?**

We enable people to stay competitive in a rapidly evolving job market by empowering individuals and organizations in the CEE region with crucial digital skills through our unique, quality-focused educational model.

# Backed by 10 years of experience



**#1**

CEE's #1 digital  
skilling company



**100+**

trainers



**20+**

AI-powered digital  
learning paths



**3+**

countries



**~3000**

alumni



**+90%**

placement rate for  
full-stack devs



**10**

years in B2C & B2B



**450+**

partner companies hire  
Codecoolers

# Find your skill gaps

A 3D maze with a glowing yellow path leading to a yellow arrow pointing upwards at the end. The maze is rendered in a dark purple color, and the path is highlighted in a bright yellow. The background is a gradient of purple and blue.

Supported by an **AI-based mapping tool**, our process helps you pinpoint **what your business really needs**.

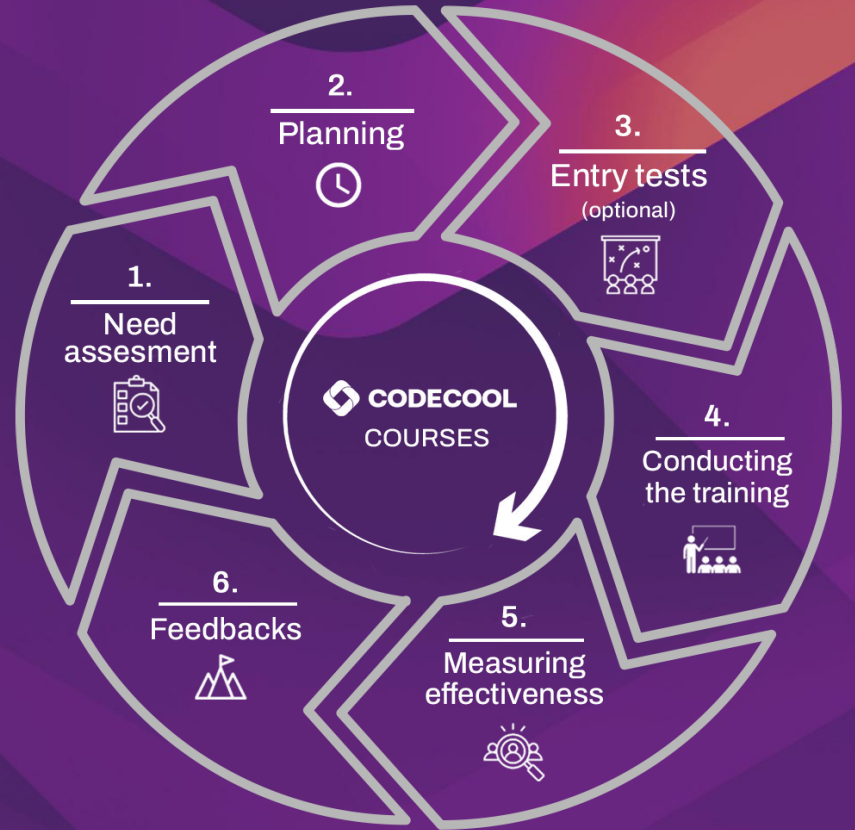
We develop your custom training plan with business analysis tools like:

- **Competency Matrix Development** Creating or refining frameworks for skill measurement
- **Skills Gap Analysis** Identifying critical capability gaps across teams
- **Business Alignment Assessment** Mapping skills to your strategic objectives
- **Custom Training Roadmap** Designing targeted development plans with specific learning paths
- **Technology & Market Readiness** Finding what could keep your teams competitive

# End-to-end training support

Once we we finalize your training plan, and the project is underway, you get:

- **dedicated project managers who work closely with your IT, HR & L&D teams**
- **progress tracking to ensure seamless delivery**
- **follow-up and results measurement**





## Practice-based

We believe hands-on learning works best. Real projects, agile teams, all on our Journey platform.



## Flipped classroom

In our longer courses, we reduce passive listening and focus on hands-on, individual learning.



## Flexible forms of training

We offer training, reskilling, and upskilling in flexible formats—face-to-face, online, or hybrid; full-time or part-time to fit any schedule.





# Course portfolio

Course name	Course length (hours)
Advanced Usability Testing	8
Advanced Python	40
Advanced UI Skills	16
Advanced UX Design	16
AI Engineer	120
AI for business	16
AI for Customer & Employee Support	16
AI for Data Analytics & Reporting	20
AI for Education and Training	12
AI for Finance	20
AI for HR	16
AI for Management	12
AI for Marketing	16
AI for Operations & Process Automation	18
AI intermediate	30
AI introduction	5
Ansible	24

Course name	Course length (hours)
Automation with AI	16
C#	152
C# OOP	16
C++	160
CI/CD	24
Cloud fundamentals	24
Cloud Native Training	120
Cloud security	24
Containerization	16
Cyber security	480
Cybersecurity basics	16
Data Analyst	270
DevOps Fundamentals	40
Docker	40
Excel advanced	32
Executive IT program	220
GenAI Prompting Basics	8

Course name	Course length (hours)
Git	16
Google Workspace Admin	32
Intermediate SQL	16
Java	80
Javascript	80
Kubernetes	40
Microservices	16
Openshift	40
Podman intro	8
Power Apps	40
Power BI advanced	16
Power BI beginner	16
Professional Tester Course (ISTQB preparation course)	120
Prompt engineering Pro	16
Python	40
React	40
REST	24

Course name	Course length (hours)
Salesforce Advanced (SF Developer, Vlocity, Utility Cloud)	82
Salesforce alapozó	82
Security for business	32
Security for managers	32
Spring	28
Test automation	120
Typescript	32
UI Fundamentals	8
Unified Modeling Language (UML)	24
UX Design essentials	8



# Advanced Usability Testing



**Duration:** 8 hours

***By the end of this course, participants will be able to:***

- Effectively apply advanced usability testing tools and techniques to conduct usability tests.
- They will be proficient in analysing complex usability data, identifying key patterns, and drawing practical insights from test results.
- They will also develop the skills to collect, interpret, and integrate both qualitative and quantitative user feedback.



# Advanced Python



**Duration:** 40 hours

***By the end of this course, participants will be able to:***

- write complex Python programs that use advanced features such as decorators, context managers, and metaclasses.
- become proficient in error handling, debugging, and testing in Python.



# Advanced UI Skills



**Duration:** 16 hours

***By the end of this course, participants will be able to:***

- effectively use various modern UI frameworks and libraries, including component-based development and state management
- be proficient in advanced CSS techniques, understand the principles and tools of accessible design, be familiar with different types of testing and testing tools, and be capable of optimizing and measuring UI performance.



# Advanced UX Design



***Duration:*** 16 hours

***By the end of this course, participants will be able to:***

- understand, learn, and practice the fundamentals of UX design.



# AI Engineer



**Duration:** 120 hours

***By the end of this course, participants will be able to:***

- have a solid understanding of deep learning concepts and practical experience in building and deploying AI models.
- design and train convolutional neural networks for image recognition, apply recurrent architectures such as RNNs and LSTMs for sequence modelling, and work confidently with advanced AI architectures and techniques
- gain hands-on experience in evaluating model performance, preparing models for deployment, and developing a professional AI solution as a final project.



# AI for business



**Duration:** 120 hours

***By the end of this course, participants will be able to:***

- understand the fundamentals of artificial intelligence and its practical applications in business.
- able to identify key opportunities where AI can improve efficiency through automation, enhance customer experience, and support data-driven decision-making.
- learn how to plan and implement AI adoption in a structured and strategic way within their organisation.



# AI for Customer & Employee Support



**Duration:** 16 hours

***By the end of this course, participants will be able to:***

- implement chatbots and virtual assistants to support customers and employees,
- understand the fundamentals of conversational AI design, and
- apply automation tools to improve support efficiency and user satisfaction.



# AI for Data Analytics & Reporting



**Duration:** 20 hours

***By the end of this course, participants will be able to:***

- implement chatbots and virtual assistants to support customers and employees,
- understand the fundamentals of conversational AI design, and
- apply automation tools to improve support efficiency and user satisfaction.



# AI for Finance



**Duration:** 20 hours

***By the end of this course, participants will be able to:***

- apply AI tools and techniques in financial forecasting, fraud detection, and reporting,
- leverage machine learning models to improve accuracy and efficiency in financial analysis, and
- understand how AI can support data-driven decision-making in the financial sector.



## AI for HR



**Duration:** 16 hours

***By the end of this course, participants will be able to:***

- understand the foundations and practical applications of generative AI in HR processes,
- identify how AI can support recruitment, talent management, and employee engagement,
- develop strategies for AI adoption within HR functions, including governance and change management, and
- apply responsible AI practices to ensure fairness, transparency, and compliance in people-related decisions.



# AI for Management



**Duration:** 12 hours

***By the end of this course, participants will be able to:***

- understand how AI transforms business operations and strategic decision-making,
- identify opportunities to integrate AI solutions into management processes to improve efficiency and innovation,
- evaluate the impact of AI on organisational structure, leadership, and performance, and
- develop an AI-driven mindset to lead teams effectively in a rapidly changing digital environment.



# AI for Marketing



***Duration:*** 16 hours

***By the end of this course, participants will be able to:***

- develop and apply AI-driven marketing strategies,
- use AI tools for content creation, campaign optimization, and personalization, and
- leverage data and automation to improve customer targeting and engagement.



## AI for Operations & Process Automation



**Duration:** 18 hours

***By the end of this course, participants will be able to:***

- automate routine tasks such as data entry, invoice processing, and handling customer inquiries using AI tools,
- understand and apply Robotic Process Automation (RPA) and its integration with AI, and
- optimize operational workflows through AI-based analytics and process improvement techniques.



## AI intermediate



**Duration:** 30 hours

***By the end of this course, participants will be able to:***

- develop a deeper understanding of artificial intelligence and its core principles,
- apply machine learning models to real-world scenarios, and
- optimize data-driven workflows and processes for greater efficiency and performance.



## AI introduction



**Duration:** 5 hours

***By the end of this course, participants will be able to:***

- understand the main advantages and limitations of artificial intelligence,
- recognize how AI is transforming the world of work,
- identify key concepts and tools of generative AI, and
- discuss ethical considerations and governance related to AI use.



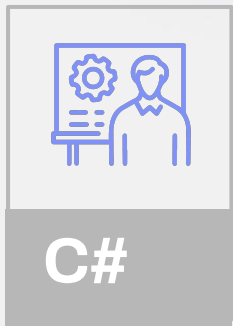
# Automation with AI



***Duration:*** 16 hours

***By the end of this course, participants will be able to:***

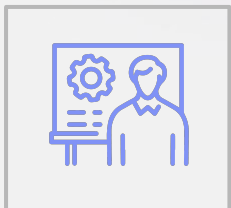
- understand the fundamentals of AI-based automation,
- apply advanced automation techniques to streamline business processes, and
- integrate AI tools to enhance efficiency and reduce manual workload.



**Duration:** 152 hours

***By the end of this course, participants will be able to:***

- understand and apply the basic syntax and structure of C#,
- implement object-oriented programming (OOP) principles in C#,
- work confidently with advanced C# features and functionalities, and
- write and execute tests to ensure code quality and reliability.



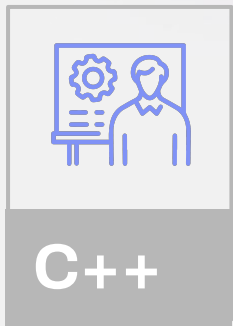
## C# OOP



**Duration:** 16 hours

***By the end of this course, participants will be able to:***

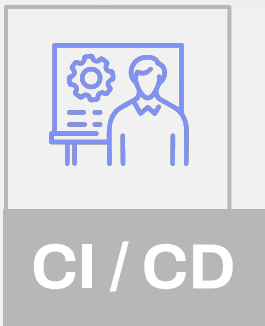
- gain a comprehensive understanding of the fundamentals of object-oriented programming (OOP), and
- implement OOP concepts effectively using the C# programming language.



**Duration:** 160 hours

***By the end of this course, participants will be able to:***

- use the fundamental elements of the C++ programming language to write functional programs,
- understand and apply the core principles of object-oriented programming (OOP),
- work efficiently with dynamic data types, pointers, and references, and manage complex data structures,
- follow best practices in coding to ensure safe, maintainable, and high-quality code,
- apply test-driven development (TDD) methods and write unit tests for C++ programs, and
- understand and utilize the modern features and innovations introduced in the latest versions of C++.



***Duration:*** 24 hours

***By the end of this course, participants will be able to:***

- understand the core principles and processes of Continuous Integration (CI) and Continuous Delivery (CD),
- select, configure, and effectively use appropriate CI/CD tools and platforms, and
- automate and accelerate software development workflows through continuous integration and deployment practices.



# Cloud Fundamentals



***Duration:*** 24 hours

***By the end of this course, participants will be able to:***

- understand the fundamentals of cloud computing, including different service and deployment models, common practices, challenges, and security considerations, and
- apply cloud-based solutions effectively in various business and technical environments.



# Cloud Native Training



**Duration:** 120 hours

***By the end of this course, participants will be able to:***

- apply advanced Java and Spring skills to design, build, and deploy modern cloud-native applications,
- develop and test REST APIs, manage version control with Git, and understand the principles of microservice architectures,
- use Podman for containerization, work with Kubernetes to build scalable systems, and deploy applications in OpenShift environments,
- work confidently in a cloud-native ecosystem by combining theoretical knowledge with hands-on exercises and real-world project simulations, and
- collaborate effectively in an interactive, trainer-supported online learning environment, gaining practical experience with cloud technologies and modern development tools.



# Cloud Security



***Duration:*** 24 hours

***By the end of this course, participants will be able to:***

- gain an in-depth understanding of cloud concepts, architecture, and design principles,
- manage and mitigate risks related to cloud data security, infrastructure security, and application security,
- apply best practices in security operations, and
- ensure legal and regulatory compliance within cloud environments.



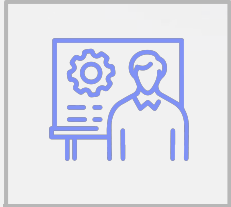
# Containerization



***Duration:*** 16 hours

***By the end of this course, participants will be able to:***

- understand and apply the fundamentals of virtualization and containerization technologies,
- work with virtualization tools, container standards, and data/container operations



# Cybersecurity



**Duration:** 480 hours

***By the end of this course, participants will be able to:***

- understand the fundamentals of computer systems and operating systems,
- work confidently with Linux environments and networking concepts,
- apply basic ethical hacking techniques and principles of cryptography and authentication,
- perform vulnerability management and configure firewalls, proxies, IDS/IPS systems,
- conduct audits and ensure compliance with security standards,
- operate within a Security Operations Center (SOC) environment,
- analyze vulnerability trends and the evolving threat landscape,
- understand the blueprint of large enterprise ecosystems, and
- apply layered defense and high availability concepts to design secure, resilient infrastructures.



# Cybersecurity basics



**Duration:** 16 hours

***By the end of this course, participants will be able to:***

- understand the fundamental concepts of cybersecurity, including key threats, attack types, and defense mechanisms,
- recognize common cyberattacks, techniques, and terminology,
- apply best practices for protecting personal data and privacy,
- identify strategies for safeguarding organizational systems and information, and
- explore potential career paths and opportunities in the field of cybersecurity.



## Data Analyst



**Duration:** 270 hours

***By the end of this course, participants will be able to:***

- collect, clean, and organize data from various sources to prepare it for analysis,
- use Excel, SQL, and Python to perform data manipulation, visualization, and statistical analysis,
- apply data storytelling techniques to communicate insights effectively to stakeholders,
- work with business intelligence tools such as Power BI or Tableau to create dashboards and reports,
- understand and implement the fundamentals of data governance, ethics, and security, and
- contribute to data-driven decision-making processes across different business functions.



# DevOps Fundamentals



**Duration:** 40 hours

***By the end of this course, participants will be able to:***

- gain a comprehensive understanding of operating systems and version control using Git,
- apply intermediate-level OS and scripting (bash) skills in DevOps environments,
- use containerization technologies such as Docker and Kubernetes,
- understand the fundamentals of networking, CI/CD pipelines, and cloud infrastructure (with a focus on AWS), and
- integrate these components to support efficient, automated software development and deployment workflows.



# Docker



**Duration:** 40 hours

***By the end of this course, participants will be able to:***

- efficiently install, configure, and manage Docker containers,
- create and work with Docker networks, Dockerfiles, and base images,
- apply advanced Dockerfile techniques and use Docker registries for image management,
- manage data storage and container operations effectively,
- integrate docker-compose with development environments such as Visual Studio Code, and
- utilize the containerd runtime environment for container orchestration and management.



## Excel advanced



***Duration:*** 32 hours

***By the end of this course, participants will be able to:***

- use advanced formulas and functions to perform complex calculations and data analysis,
- transform and clean data efficiently using Power Query,
- create advanced pivot tables and interactive dashboards for reporting, and
- automate workflows with macros and VBA programming to increase productivity.



## Executive IT program



**Duration:** 220 hours

***By the end of this course, participants will be able to:***

- understand the fundamentals of IT systems and programming,
- apply the core principles of IT project management,
- gain knowledge of infrastructure and networking essentials,
- work with data modelling, storage, and data visualization tools,
- recognize the key concepts of cybersecurity and risk management,
- use rapid prototyping methods to develop digital products and services,
- stay informed about emerging technologies and their business implications, and
- apply consulting and problem-solving skills through case studies and real-world scenarios.



# GenAI Prompting Basics



***Duration:*** 8 hours

***By the end of this course, participants will be able to:***

- understand the fundamentals of prompt engineering and how generative AI systems interpret input,
- apply effective prompting techniques to achieve accurate, relevant, and creative AI-generated outputs,
- explore practical examples and use cases of prompt optimization across different contexts, and
- develop confidence in communicating and collaborating with GenAI tools to enhance productivity and problem-solving.



***Duration:*** 16 hours

***By the end of this course, participants will be able to:***

- understand and use the Git version control system, including creating and managing repositories,
- apply both basic and advanced version control functions, such as tracking file states, managing revisions, listing changes, and working with remote repositories,
- use .gitignore effectively to manage file exclusions, and
- handle branching, merging, and conflict resolution confidently in collaborative development environments.



# Google Workspace Admin



***Duration:*** 32 hours

***By the end of this course, participants will be able to:***

- manage users, groups, and resources within Google Workspace,
- configure and maintain Google Workspace security settings to protect data and ensure compliance,
- handle email management and administration effectively
- apply change management best practices to support successful adoption and use of Google Workspace across an organization.



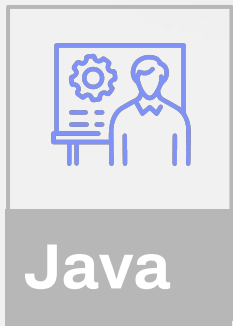
## Intermediate SQL



**Duration:** 16 hours

***By the end of this course, participants will be able to:***

- create, maintain, and manage various types of database tables and establish relationships such as one-to-many and many-to-many,
- understand database design principles and normalization techniques to design efficient data structures,
- understand the role and types of indexes and optimize database performance through index creation and maintenance, and
- write complex SQL queries, manage database transactions effectively, and perform data migration across different database systems.



**Duration:** 80 hours

***By the end of this course, participants will be able to:***

- gain a comprehensive understanding of the Java programming language and its core functionalities,
- work with variables, data types, conditions, and loops, and manipulate strings and regular expressions,
- create and use arrays, methods, classes, and objects, and apply static members, date and time handling, and Java-specific container types,
- apply functional programming concepts such as the Stream API and generics,
- work with Java I/O, implement concurrent and parallel programming, and understand the basics of reflection, modules, enums, and records.



# Javascript



***Duration:*** 80 hours

***By the end of this course, participants will be able to:***

- gain fundamental knowledge and skills in the JavaScript programming language,
- work confidently with variables, conditions, loops, functions, arrays, and objects,
- manipulate the Document Object Model (DOM) and handle events effectively,
- use modules to organize and reuse code, and
- manage string operations and numeric data representations in JavaScript.



# Kubernetes



**Duration:** 40 hours

***By the end of this course, participants will be able to:***

- gain a comprehensive understanding of the Kubernetes container orchestration platform, including both fundamental and advanced features,
- install and configure Kubernetes clusters, manage workloads, scheduled tasks, and nodes, and configure networking, services, and ingress connections,
- manage data storage, configuration data, and specialized Kubernetes workloads,
- perform logging, monitoring, and performance measurement within Kubernetes environments, and
- use visualization tools to effectively oversee and manage Kubernetes operations.



# Microservices



***Duration:*** 16 hours

***By the end of this course, participants will be able to:***

- gain in-depth and practical knowledge of the design and implementation of microservice architectures,
- understand and apply the principles, advantages, and components of microservice-based systems, and
- implement various approaches to scalability and deployment, while recognizing and addressing the challenges and trade-offs of microservice architectures.



## Node.js basics



**Duration:** 140 hours

***By the end of this course, participants will be able to:***

- understand the fundamentals of Node.js and apply asynchronous programming concepts,
- build and manage web applications using the Express.js framework and middleware architecture, and
- design and implement HTTP and REST APIs, integrating them effectively with other services and systems.



# Openshift



***Duration:*** 40 hours

***By the end of this course, participants will be able to:***

- gain a comprehensive understanding of the OpenShift container orchestration platform, its architecture, and use cases,
- create, manage, and deploy containerized services in an OpenShift environment, including building and maintaining custom base images, and
- deploy and manage multi-container applications, optimizing performance and scalability in production environments.



## Podman intro



***Duration:*** 8 hours

***By the end of this course, participants will be able to:***

- install and get familiar with Podman,
- search for, pull, and list container images,
- run and manage containers, including listing running containers and inspecting their configurations,
- view container logs and process IDs, and
- stop and remove containers effectively.



# Power Apps



**Duration:** 40 hours

***By the end of this course, participants will be able to:***

- get started with Power Apps, including setup and configuration,
- work with data sources and integrate them into Power Apps,
- design applications with a focus on logic and user experience,
- automate workflows using Power Automate, and
- build and deploy low-code solutions that improve business efficiency.



## Power BI advanced



**Duration:** 16 hours

***By the end of this course, participants will be able to:***

- build efficient and high-performing data models in Power BI,
- perform complex data transformations using Power Query,
- write advanced DAX expressions to handle time dimensions, variables, context transitions, and iterator functions,
- connect and integrate multiple data sources to create models with calculated measures and KPIs,
- design interactive, dynamic, and analysis-oriented dashboards using advanced visualization and analytics techniques (e.g., forecasting, clustering), and
- create data structures and analyses based on real-world business problems.



# Power BI beginner



**Duration:** 16 hours

***By the end of this course, participants will be able to:***

- create data models and perform ETL processes in Power BI,
- apply DAX formulas to create basic measures and reports,
- analyze business data and calculate relevant KPIs,
- design and develop Power BI dashboards, and
- present and evaluate visualizations effectively for business insights.



## Professional Tester Course (ISTQB preparation course)



***Duration:*** 120 hours

***By the end of this course, participants will be able to:***

- design and execute effective test cases using various test design techniques,
- create and manage high-quality defect reports using Jira and Xray,
- apply version control and collaboration with GitHub,
- write and run basic automated tests using Playwright, and
- analyze and validate requirements based on the SQUARE standard to ensure testability.



# Prompt Engineering Pro



***Duration:*** 16 hours

***By the end of this course, participants will be able to:***

- understand the foundations of modern AI and its role in generative systems,
- apply advanced prompting techniques to achieve precise and creative outputs, and
- use ethical and responsible prompt engineering practices in real-world AI applications.



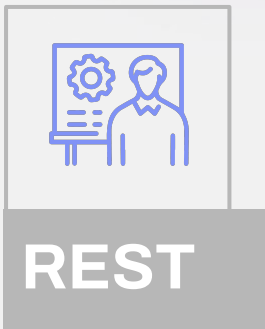
# Python



***Duration:*** 40 hours

***By the end of this course, participants will be able to:***

- gain a comprehensive and practical understanding of the Python programming language and its core techniques,
- apply data types and container data structures, handle input and user interaction, and use loops, conditionals, and functions effectively,
- understand and implement the principles of modules and object-oriented programming (OOP), and manage file operations in Python, and
- learn and apply the basics and practices of testing in Python.



***Duration:*** 24 hours

***By the end of this course, participants will be able to:***

- understand the principles and practical applications of REST architecture,
- design and build RESTful APIs, manage core HTTP methods and status codes, and work with various data transfer formats,
- implement authentication and authorization mechanisms in REST environments and apply effective error handling and testing practices, and
- gain hands-on experience with the Spring Boot framework to build and deploy RESTful APIs.



## Salesforce Advanced (SF Developer, Vlocity, Utility Cloud)



**Duration:** 82 hours

***By the end of this course, participants will be able to:***

- use the Salesforce developer environment confidently and efficiently,
- apply the Apex programming language at basic and intermediate levels,
- build modern, responsive user interfaces using Lightning Web Components (LWC),
- leverage OmniStudio / Vlocity toolsets for low-code and no-code solutions,
- understand and integrate Salesforce Utility Cloud into business processes, and
- implement CI/CD workflows, deployment strategies, and version control in Salesforce development environments.



# Salesforce Fundamentals



**Duration:** 82 hours

**By the end of this course, participants will be able to:**

- prepare for the **Salesforce Administrator** and **App Builder certifications**, enabling them to work as Salesforce administrators,
- perform core **Salesforce CRM configurations** and manage **user access and security settings**,
- create and manage users, roles, and permissions,
- support and track **business processes** through custom development and automation,
- configure the **Salesforce UI**, design and implement **custom automations**, and
- create **reports and dashboards** for business insights and performance tracking.



# Security for business



**Duration:** 32 hours

***By the end of this course, participants will be able to:***

- keep corporate access and credentials secure,
- understand data protection regulations and apply them in daily operations,
- handle real-world security incidents effectively and confidently, and
- strengthen their organization's security posture using practical security tools and measures.



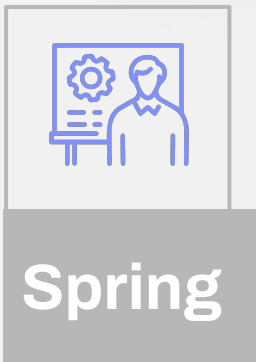
# Security for managers



**Duration:** 32 hours

***By the end of this course, participants will be able to:***

- understand the corporate security landscape and its key challenges,
- identify and assess organizational risks,
- design and implement security strategies and frameworks for their teams, and
- ensure compliance, manage incidents, and apply best practices in enterprise security management.



**Duration:** 28 hours

**By the end of this course, participants will be able to:**

- understand the key **features and concepts of the Spring framework** and the difference between a framework and a library,
- apply **Spring Core** principles to build modular and maintainable Java applications,
- develop web applications using **Spring MVC** with **JSP** or **Thymeleaf**,
- create and manage **Spring Boot** applications for rapid development,
- work with **Spring Data** and understand **JPA** fundamentals, including **Hibernate**,
- implement **Spring Security** for authentication and authorization,
- gain an introduction to **web services** and their integration,
- integrate **Spring** applications with **Angular** or **React**, and
- perform **unit and integration testing**, including **mocking** techniques.



# Test automation



**Duration:** 120 hours

***By the end of this course, participants will be able to:***

- understand the fundamentals of test automation and its role in modern software development,
- write efficient and maintainable automated tests for various applications,
- work with testing frameworks, integrate automation into CI/CD pipelines, and manage system integration testing,
- apply effective debugging and quality assurance practices, and
- complete a final project, demonstrating the ability to design and implement a comprehensive automated testing solution



# Typescript



**Duration:** 32 hours

***By the end of this course, participants will be able to:***

- understand the fundamentals of TypeScript and its advantages over plain JavaScript,
- apply advanced type handling and error management techniques,
- migrate existing JavaScript projects to TypeScript effectively, and
- use TypeScript proficiently in real-world projects, following best practices for scalable and maintainable code.



# UI Fundamentals



***Duration:*** 8 hours

***By the end of this course, participants will be able to:***

- gain in-depth and practical knowledge of the fundamental aspects of designing and implementing microservice architectures,
- understand and apply the principles, advantages, and key components of microservice-based systems, and
- implement various approaches to scalability and deployment, while identifying and managing the challenges and trade-offs inherent in microservice architectures.



# Unified Modeling Language (UML)



***Duration:*** 24 hours

***By the end of this course, participants will be able to:***

- gain a comprehensive understanding of UML diagrams and their role in software design and development, and
- apply various UML diagram types effectively throughout different stages of the software development lifecycle.



# UX Design essentials



**Duration:** 8 hours

***By the end of this course, participants will be able to:***

- understand the core principles of user interface (UI) design, including layout, color, typography, and visual hierarchy,
- apply design best practices to create intuitive, user-friendly digital interfaces, and
- use modern UI design tools and frameworks to prototype and refine visual concepts effectively.

Reach out if you have any questions, we're here to discuss whatever's on your mind.

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# Let's discuss your digital training and resource needs!



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