

# Microsoft Azure: Certified Azure AI Cloud Developer, Associate

Materials & teaching in English



## Gain the skills to develop Azure infrastructure and PaaS compute solutions—and become a Certified Azure Developer Associate.

In this e-learning course, you will gain competencies and knowledge in cloud services and how these services are delivered with Microsoft Azure. You will learn how to develop the Azure platform, including infrastructure and storage, such as Service Compute Solutions. Additionally, you will learn how to implement Azure security, including troubleshooting and optimizing solutions.

The course covers cloud computing and solution development for Microsoft Azure. You will be able to develop Azure storage, Azure Platform as a Service solution, Azure Redis Cache, and Azure Cloud models. The course also covers Azure CLI, PowerShell, security, Azure Key Vault, API, Service Fabric, and Azure Container Service (ACS).

You will receive training in the curriculum corresponding to the following certifications:

- AZ-900 (Microsoft Azure Fundamentals)
- AI-200 (Microsoft's Developing AI Cloud Solutions on Azure exam)

As part of this e-learning course, we offer 2 certification attempts. This must be held within 2 months after the end of the course - otherwise the offer will lapse. Certificates are taken at the end of the course

## You will learn



### Python Programming Foundations

- Work with data types, variables, and operators
- Use loops and conditional statements in code
- Handle input/output and structure clean code
- Use modules, tools, and error-handling techniques



### Developing Azure Applications

- Design apps with Azure cloud-native services
- Implement APIs and integration workflows
- Apply caching and content delivery strategies
- Enable security in Azure app development



### Core Azure Concepts & Architecture

- Understand cloud models and service categories
- Explore trust, compliance, and cloud governance
- Learn pricing, SLAs, and Azure support models
- Monitor environments with Azure-native tools



### Scalable Azure Architecture & DevOps

- Use app design patterns and scaling methods
- Deploy Kubernetes-based microservice solutions
- Apply advanced compute scaling techniques
- Automate deployment for high availability



### Azure Compute, Storage & Databases

- Deploy virtual machines and containerized apps
- Use storage services and database options
- Implement Cosmos DB and file storage
- Integrate big data, IoT, and AI workloads



### Azure Security & Identity Management

- Configure network and data security controls
- Use Azure security tools and services
- Manage identity, access, and encryption
- Ensure privacy and compliance in Azure

## The course is for you if you...

- ✓ Have experience in using a PC and Windows
- ✓ Have a basic understanding of programming and development
- ✓ Are motivated and have ambitions to work with Microsoft Azure
- ✓ Potentially have experience with networking, infrastructure, and cloud computing, as well as knowledge

### Course structure

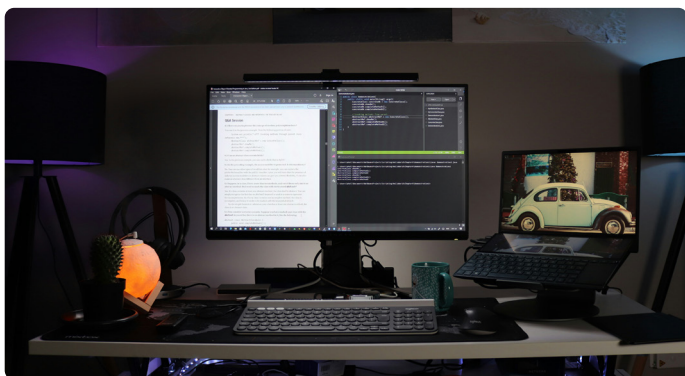
The e-learning course is divided into in-depth sessions with associated Labs and MeasureUp tests, so you gain a lot of knowledge and at the same time you can test your readiness. As a supplement to the e-learning course, you also get access to a whole library of e-book

### Certification

You have the option to take certifications AZ-900 and AI-200. Included in this e-learning package is 2 certification attempts. Please note that this trial must be held within 2 months of the end of the course - otherwise the offer will lapse. Certifications are taken after completing the course. When you contact us, we will send you a voucher to book the certification.

### Careercoach

You also can spar with Itucation's career coach regarding CV, application and job strategy. If you wish to take advantage of this offer, please send an email to [kurser@itucation.dk](mailto:kurser@itucation.dk)



## Upcoming courses

- Start every monday!

## Information & Pris

|                                                                                               |                                                                                      |
|-----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Location                                                                                      | E-learning, Selfstudy                                                                |
| Classes                                                                                       | 5 days a week                                                                        |
| Duration                                                                                      | 6 weeks                                                                              |
| Price for applicants                                                                          | Free for unemployed*                                                                 |
| *Free, if you fulfil the criteria for 6-week job-oriented training programs via the Jobcenter |                                                                                      |
| Price for jobcenter:                                                                          | Kr. 19.600 (ex. moms)                                                                |
| Sign-up                                                                                       | <a href="http://www.itucation.dk">www.itucation.dk</a><br>Or contact us on 7027 2784 |

## Information til a-kasser og jobcentre

### Regional positivliste

E-learningkurset er godkendt.

Se vores hjemmeside for listetitel og

listenumre.

### Pris

Kr. 19.600 (ex. moms)

Ugepris: kr. 3.266,66 (ex. moms)

### Betalingstilsagn sendes til

Itucation  
Svanevej 22, 2400 København NV  
[kurser@itucation.dk](mailto:kurser@itucation.dk) (sikker mail)  
CVR-nr.: 33248016  
P-nr.: 1016378247