



Microsoft Artificial Intelligence (AI) Engineer

🕒 Mode and duration

Contact

Part-Time (Online)

- Study duration: 6 months
- One lecture session per week over 7 weeks
- 3 hours per session, 18:00 – 21:00

☰ Qualification description

One of the prominent reasons for the emerging need for skilled AI professionals is the rising popularity of AI and machine learning.

Microsoft Azure is a fast-growing and leading cloud provider. With it, an AI Engineer uses Cognitive Services, Knowledge Mining, and Machine Learning to architect, develop, and implement Microsoft AI solutions involving computer vision, speech, natural language processing (NLP), bots, and agents. Thus, the need to have an in-depth overview of cloud concepts together with practical knowledge and skills in relation to Azure core services and their architecture, security, support, and pricing.

Furthermore, Azure AI Engineers collaborate with data engineers, AI developers, data scientists, and Internet of things (IoT) specialists to achieve their primary role, which is the translation of the vision of solution architects for the development of end-to-end solutions. Therefore, based on the Microsoft AI Engineer curriculum, the aim of this programme is to help students develop applicable knowledge and skills employers' value by teaching them to explore, transform, model, and visualize data, and to create the next generation of intelligent solutions.

This qualification is offered at the following campuses:

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|----------------|----------------------|
| • Bedfordview | • Midrand |
| • Bloemfontein | • Nelson Mandela Bay |
| • Claremont | • Potchefstroom |
| • Durban | • Pretoria |
| • East London | • Tyger Valley |
| • Mbombela | • Vanderbijlpark |

✓ Entry requirements

To enrol for the Microsoft Azure AI Engineer programme, the following requirements are recommended:

1. Higher Certificate, Diploma, or Degree in Information Technology (IT), Computer Science, Information Systems, Robotics, Engineering, or related IT fields.
2. Fundamental knowledge in Mathematics and/or Statistics
3. Practical skills in Networking and Programming (C#, Python, or Visual Basic .NET).

📁 Possible career options

Careers for you, as a Microsoft Azure AI Engineer graduate, are varied and include:

- Azure Administrator
- Azure Cloud Support Engineer
- Azure Software Engineer
- Azure Cloud Developer
- Microsoft Azure AI Engineer

📦 Qualification structure

The modules for the Microsoft AI Engineer programme are as follows:

- Azure Fundamentals
- Azure Developer Associate
- Azure AI Engineer Associate

Students are required to attempt the modules sequentially. They are also expected to attempt these certification exams at the end of each module:

- Exam AZ-900: Microsoft Azure Fundamentals
- Exam AZ-204: Developing Solutions for Microsoft Azure
- Exam AI-102: Designing and Implementing a Microsoft Azure AI Solution

📄 Qualification offering / partnership / recognition / benefits

- Offered by Eduvos
- Industry-Recognised Content and Practice Labs
- Lecture Delivery by Competent and Certified Trainers



Microsoft Artificial Intelligence (AI) Engineer

Module Descriptors

Azure AI Engineer Associate

This module is designed to empower you with the knowledge and skills to design and implement AI solutions on Microsoft Azure.

Azure Developer Associate

This module is designed to empower you with the knowledge and skills to develop and maintain cloud solutions on Microsoft Azure.

Azure Fundamentals

This module is designed to empower you with the knowledge and skills to demonstrate foundational knowledge of cloud concepts and Microsoft Azure.