

Microsoft Azure Data Scientist Associate

(Certification Preparation Training)

5 Saturdays

VIRTUAL TRAINING

 To be decided

COURSE FEE

₦ N250,000

+7.5% VAT

Register now:

<http://bit.ly/DSNtraining>

For more information or bulk purchase,

**PLEASE CALL OR EMAIL
Seun on 0814 008 8800**

oluwaseun@datasciencenigeria.ai

Course Description

In this course you will learn how to apply the knowledge of data science and machine learning to implement and run machine learning workloads on Azure; in particular, using Azure Machine Learning Service. This entails planning and creating a suitable working environment for data science workloads on Azure, running data experiments and training predictive models, managing and optimizing models, and deploying machine learning models into production. This course will also prepare you to take and flawlessly pass the Azure Data Scientist Associate certification examination.

Learning Outcomes

- You will learn how to set up an Azure Machine Learning workspace
- Run experiments and train models
- Optimize and manage models
- Deploy and consume models

Course Outline

Introduction to Azure Machine Learning

- Introduction
- Azure Machine Learning Workspaces
- Azure Machine Learning tools and interfaces
- Azure Machine Learning experiments
- Exercise – Getting Started with Azure Machine Learning

Training a Machine Learning model with Azure Machine Learning

- Introduction
- Azure Machine Learning estimators
- Using script parameters
- Registering models
- Exercise – Training and registering a model

Working with Data in Azure Machine Learning

- Introduction
- Introduction to datastores
- Use datastores
- Introduction to datasets
- Use datasets
- Exercise – Work with data

Working with Compute Contexts in Azure Machine Learning

- Introduction to environments
- Introduction to compute targets
- Create compute targets
- Use compute targets
- Exercise – Work with Compute Contexts

Orchestrating machine learning with pipelines








- Introduction
- Introduction to pipelines
- Pass data between pipeline steps
- Reuse pipeline steps
- Publish pipelines
- Use pipeline parameters
- Schedule Pipelines
- Exercise – Create a pipeline

Deploying Machine Learning models with Azure Machine Learning

- Introduction
- Deploying a model as a real-time service
- Consuming a real-time inferencing service
- Troubleshooting service deployment
- Exercise – Deploying a model as a real-time service

Mock- Examination

Class Structure

-  3 days physical classes
-  Collection of 17,000+ AI learning videos from top schools and organizations including: MIT, Stanford, Oxford, Google, Amazon, Intel, Microsoft, Nvidia, etc
-  Online platform for further coaching, access to latest information and opportunities in Artificial Intelligence ecosystem.
-  Enrollment into the Global Data Science Nigeria Community and Talent Platform.
-  At least 17 hours of physical hands-on training.
-  Internationally Recognized certificate
-  Mock- Examination

Class Design

-  World class and experienced Instructors
-  Project based learning
-  Interactive session
-  Free Internet access
-  Completion of Capstone project
-  Further Study and practice supported by top content from DSN AI Knowledge Box.

Data Science Nigeria    

Why us?



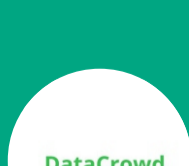
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We are a non-profit organization and we invest every surplus back into talent development for the community.



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Excellent Project and Consulting support



Biggest AI Talent Sourcing platform