



GTech Learn

"Our focus is your Success"



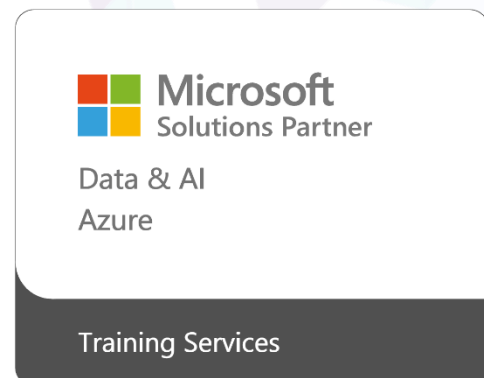
Course Contents

DP-100: Designing and implementing a data science solution on Azure

Duration: 4 Days	Level: Intermediate	Role: Database Scientist
Certification: Available	Public Schedules: View Dates	Private Delivery: Reach Us

What's included?

- ✓ Learn from Microsoft Certified Trainer (MCT's)
- ✓ 24x7 Lab Access
- ✓ Official Courseware
- ✓ Exam Preps / Practice Tests
- ✓ Badges & Completion Certificate
- ✓ Discounted Exam Vouchers



Email: info@gtechlearn.com

Overview

Learn how to operate machine learning solutions at cloud scale using Azure Machine Learning. This course teaches you to leverage your existing knowledge of Python and machine learning to manage data ingestion and preparation, model training and deployment, and machine learning solution monitoring with Azure Machine Learning and MLflow.

Audience Profile

This course is designed for data scientists with existing knowledge of Python and machine learning frameworks like Scikit-Learn, PyTorch, and Tensorflow, who want to build and operate machine learning solutions in the cloud.

Contents

Learning path 1: Design a machine learning solution

- Design a data ingestion solution for machine learning projects
- Design a machine learning model training solution
- Design a model deployment solution
- Design a machine learning operations (MLOps) solution

Learning Path 2: Explore and configure the Azure Machine Learning workspace

- Explore the Azure Machine Learning workspace resources and assets
- Explore developer tools for workspace interaction
- Make data available in Azure Machine Learning
- Work with compute resources in Azure Machine learning
- Work with environments in Azure Machine Learning

Learning Path 3: Experiment with Azure Machine Learning

- Explore Automated Machine Learning
- Find the best classification model with Automated Machine Learning
- Track model training in notebooks with MLflow

Learning Path 4: Optimize model training with Azure Machine Learning

- Run a training script as a command job in Azure Machine Learning
- Track model training with MLflow in jobs
- Perform hyperparameter tuning with Azure Machine Learning
- Run pipelines in Azure Machine Learning

Learning Path 5: Manage and evaluate models in Azure Machine Learning

- Register an MLflow model in Azure Machine Learning
- Create and explore the Responsible AI dashboard

Learning Path 6: Deploy and consume models with Azure Machine Learning

- Deploy a model to a managed online endpoint
- Deploy a model to a batch endpoint

About GTech Learn

Established in 2011 in the USA, GTech Learn is one of the leading IT training organizations in North America & South East Asia. Driven by its unique USPs, GTech Learn is spurring competition, meeting the unmet needs of customers, assisting in skills upgrade, and supplementing talent pools with its presence in the USA, Canada, Singapore and India. This is consistent with our vision to help our Learners with skills upgrade for enhanced career opportunities.

As a Microsoft Learning Partner, we offer a broad range of learning solutions across the full Microsoft technology stack that can be customized.

Since 2011, GTech Learn has been developing custom-fit learning solutions that involve creating and delivering maximum results.

We have successfully helped all types of businesses, government entities, and individuals. For this reason, GTech has chosen by Microsoft to deliver comprehensive learning programs around the globe.

With flexible learning options, state-of-the-art delivery methods, numerous language preferences, experienced instructors, and complete dedication to our students, GTech Learn has the capabilities to help students develop their Microsoft skill sets and achieve increasingly high standards of productivity while organizations of all sizes realize the full potential of their technology investments.

Our Accreditations with Microsoft



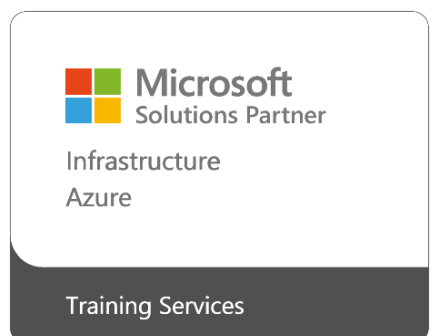
Microsoft Solutions Partner
Security
Training Services



Microsoft Solutions Partner
Modern Work
Training Services



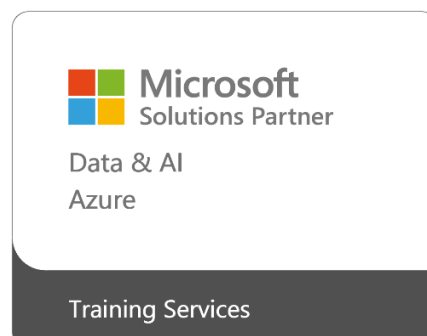
Microsoft Solutions Partner
Business Applications
Training Services



Microsoft Solutions Partner
Infrastructure
Azure
Training Services



Microsoft Solutions Partner
Digital & App Innovation
Azure
Training Services



Microsoft Solutions Partner
Data & AI
Azure
Training Services