Training: Microsoft

# DP-3014: Build machine learning solutions using Azure Databricks

Microsoft Partner

## TRAINING GOALS:

Azure Databricks is a fully managed, cloud-based data analytics platform, which empowers developers to accelerate AI and innovation by simplifying the process of building enterprise-grade data applications. In this course, you'll learn how to use Azure Databricks to train and deploy machine learning models.

**Audience Profile**:
This course is designed for aspiring data scientists and AI engineers who need to train and manage machine learning models by using Azure Databricks.

## CONSPECT:

- Build machine learning solutions using Azure Databricks
  - Module 1: Explore Azure Databricks
  - Module 2: Use Apache Spark in Azure Databricks
  - Module 3: Train a machine learning model in Azure Databricks
  - Module 4: Perform hyperparameter tuning with Azure Databricks
  - Module 5: Use AutoML in Azure Databricks
  - Module 6: Manage machine learning models with MLflow in Azure Databricks
  - Module 7: Deploy machine learning models to production in Azure Databricks
  - Module 8: Implement MLOps in Azure Databricks

## REQUIREMENTS:

This learning path assumes that you have experience of using Python to explore data and train machine learning models with common open source frameworks, like Scikit-Learn, PyTorch, and TensorFlow.

## Difficulty level





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## CERTIFICATE:

The participants will obtain certificates signed by Microsoft (course completion).

## TRAINER:

Microsoft Certified Trainer (MCT)



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