

# MDAI-16 - MOC DP-090T00 - IMPLEMENTING A MACHINE LEARNING SOLUTION WITH MICROSOFT AZURE DATABRICKS

Categoria: **Data & AI**

## INFORMAZIONI SUL CORSO



**Durata:**  
1 Giorni



**Categoria:**  
Data & AI



**Qualifica Istruttore:**  
Microsoft Certified  
Trainer



**Dedicato a:**  
Professionista IT



**Produttore:**  
Microsoft

## OBIETTIVI

- Provision an Azure Databricks workspace and cluster
- Use Azure Databricks to train a machine learning model
- Use MLflow to track experiments and manage machine learning models
- Integrate Azure Databricks with Azure Machine Learning

## PREREQUISITI

Before attending this course, you should have experience of using Python to work with data, and some knowledge of machine learning concepts.

## CONTENUTI

### **Module 1: Introduction to Azure Databricks**

- Getting Started with Azure Databricks
- Working with Data in Azure Databricks

### **Lab : Getting Started with Azure Databricks**

### **Lab : Working with Data in Azure Databricks**

### **Module 2: Training and Evaluating Machine Learning Models**

- Preparing Data for Machine Learning
- Training a Machine Learning Model

### **Lab : Training a Machine Learning Model**

### **Lab : Preparing Data for Machine Learning**

### **Module 3: Managing Experiments and Models**

- Using MLflow to Track Experiments
- Managing Models

**Lab : Using MLflow to Track Experiments**

**Lab : Managing Models**

**Module 4: Integrating Azure Databricks and Azure Machine Learning**

-Tracking Experiments with Azure Machine Learning

-Deploying Models

**Lab : Deploying Models in Azure Machine Learning**

**Lab : Running Experiments in Azure Machine Learning**

## INFO

**Materiale didattico:** Materiale didattico ufficiale Microsoft in formato digitale

**Costo materiale didattico:** 110 € incluso nel prezzo del corso a Calendario

**Natura del corso:** Operativo (previsti lab su PC)