Course duration

- 1 day

Course Benefits

- 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

Microsoft Certified Partner

Webucator is a Microsoft Certified Partner for Learning Solutions (CPLS). This class uses official Microsoft courseware and will be delivered by a Microsoft Certified Trainer (MCT).

Course Outline

1. Introduction to Azure Databricks
    1. Getting Started with Azure Databricks
    2. Working with Data in Azure Databricks
    3. Lab: Getting Started with Azure Databricks
    4. Lab: Working with Data in Azure Databricks
2. Training and Evaluating Machine Learning Models
    1. Preparing Data for Machine Learning
    2. Training a Machine Learning Model
    3. Lab: Preparing Data for Machine Learning
    4. Lab: Training a Machine Learning Model
3. Managing Experiments and Models
    1. Using MLflow to Track Experiments
    2. Managing Models
    3. Lab: Using MLflow to Track Experiments
    4. Lab: Managing Models
4. Integrating Azure Databricks and Azure Machine Learning
    1. Tracking Experiments with Azure Machine Learning
    2. Deploying Models
    3. Lab: Running Experiments in Azure Machine Learning
    4. Lab: Deploying Models in Azure Machine Learning

Class Materials

Each student will receive a comprehensive set of materials, including course notes and all the class examples.

Class Prerequisites

Experience in the following *is required* for this Azure class:

- Experience using Python to work with data and some knowledge of machine learning concepts.