

Sela.

DP090

Implementing a Machine Learning Solution with Microsoft Azure Databricks

college@sela.co.il

03-6176666





Implementing a Machine Learning Solution with Microsoft Azure Databricks

DP090 - Version: 1

1 day course

Description:

Azure Databricks is a cloud-scale platform for data analytics and machine learning. In this one-day course, you'll learn how to use Azure Databricks to explore, prepare, and model data; and integrate Databricks machine learning processes with Azure Machine Learning.

Intended Audience:

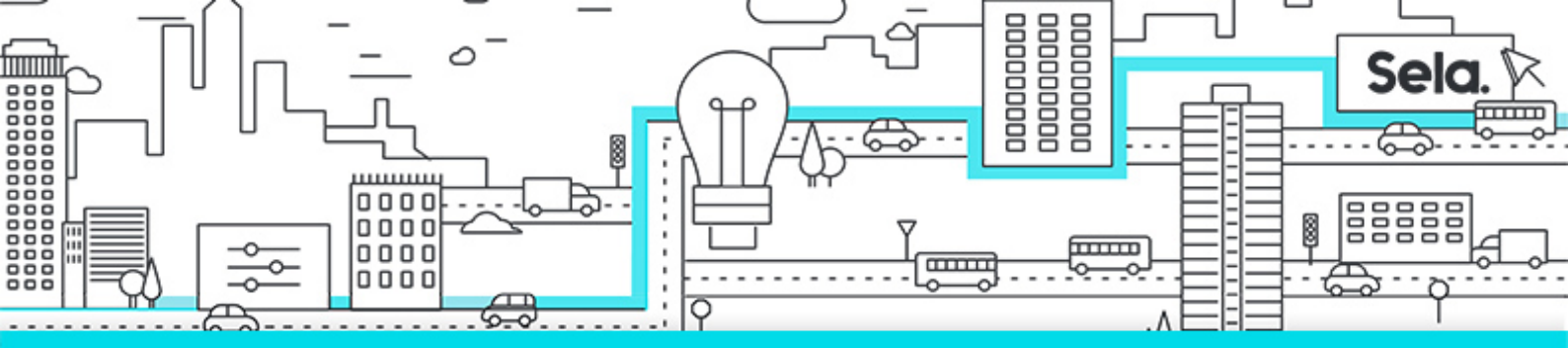
This course is designed for data scientists with experience of Python who need to learn how to apply their data science and machine learning skills on Azure Databricks

Prerequisites:

- Before attending this course, you should have experience of using Python to work with data, and some knowledge of machine learning concepts.
- Before attending this course, complete the following learning path on Microsoft Learn:1613 - Create machine learning models

Objectives:

- 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



Topics:

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