DP-100T01 - Designing and Implementing a Data Science Solution on Azure

Microsoft - Microsoft Azure - Virtualizzazione e Cloud

Durata:	Lingue:	Certificazione:
3 Giorni	**Italiano**	**Microsoft Certified: Azure Data Scientist Associate**

Descrizione del corso

Gain the necessary knowledge about how to use Azure services to develop, train, and deploy, machine learning solutions. The course starts with an overview of Azure services that support data science. From there, it focuses on using Azure's premier data science service, Azure Machine Learning service, to automate the data science pipeline. This course is focused on Azure and does not teach the student how to do data science. It is assumed students already know that. This course is preparatory to the Exam DP-100: Designing and Implementing a Data Science Solution on Azure valid for Microsoft Certified: Azure Data Scientist Associate

Programma

Module 1: Doing Data Science on Azure

- Introduce the Data Science Process
- Overview of Azure Data Science Options
- Introduce Azure Notebooks

Module 2: Doing Data Science with Azure Machine Learning service

- Introduce Azure Machine Learning (AML) service
- Register and deploy ML models with AML service

Module 3: Automate Machine Learning with Azure Machine Learning service

- Automate Machine Learning Model Selection
- Automate Hyperparameter Tuning with HyperDrive

Module 4: Manage and Monitor Machine Learning Models with the Azure Machine Learning service

- Manage and Monitor Machine Learning Models