



Enterprise Computing Solutions - Education Services

## TRAINING OFFERING

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**Sie erreichen uns hier**

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# Designing and Implementing a Data Science Solution on Azure

CODE:	LENGTH:	PRICE:
MCS_DP-100T01	24 Hours (3 days)	CHF2,050.00

## Description

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.

### After completing this course, students will be able to:

- Doing Data Science on Azure
- Doing Data Science with Azure Machine Learning service
- Automate Machine Learning with Azure Machine Learning service
- Manage and Monitor Machine Learning Models with the Azure Machine Learning service

## Audience

### Dieses Seminar richtet sich an:

- This course is aimed at data scientists and those with significant responsibilities in training and deploying machine learning models.

## Prerequisites

### Für dieses Seminar werden folgende Kenntnisse empfohlen:

- Azure Fundamentals
- Understanding of data science including how to prepare data, train models, and evaluate competing models to select the best one.
- How to program in the Python programming language and use the Python libraries: pandas, scikit-learn, matplotlib, and seaborn.

## Programme

- **Doing Data Science on Azure**
  - Introduce the Data Science Process
  - Overview of Azure Data Science Options
  - Introduce Azure Notebooks
- **Doing Data Science with Azure Machine Learning service**
  - Introduce Azure Machine Learning (AML) service
  - Register and deploy ML models with AML service
- **Automate Machine Learning with Azure Machine Learning service**
  - Automate Machine Learning Model Selection
  - Automate Hyperparameter Tuning with HyperDrive
- **Manage and Monitor Machine Learning Models with the Azure Machine Learning service**
  - Manage and Monitor Machine Learning Models

## Further Information

- Durchführung in Kooperation mit Arrow ECS Österreich und ETC
- Für Produkte, die mit Fremdwährung berechnet werden, behalten wir uns das Recht vor, die Preise bei Währungsschwankungen anzupassen.

## Session Dates

Auf Anfrage. Bitte [kontaktieren Sie uns](#)

## Zusätzliche Information

Diese Schulung ist auch als Vor-Ort-Schulung verfügbar. Bitte kontaktieren Sie uns, um mehr zu erfahren.