MLOps Engineering on AWS (MLOE)

ID MLOE **Price** CHF 2,470.—(excl. VAT) **Duration** 3 days

Who should attend

This course is intended for:

- MLOps engineers who want to productionize and monitor ML models in the AWS cloud
- DevOps engineers who will be responsible for successfully deploying and maintaining ML models in production

This course is part of the following Certifications

AWS Certified Machine Learning Engineer - Associate (CMLEA)

Prerequisites

We recommend that attendees of this course have

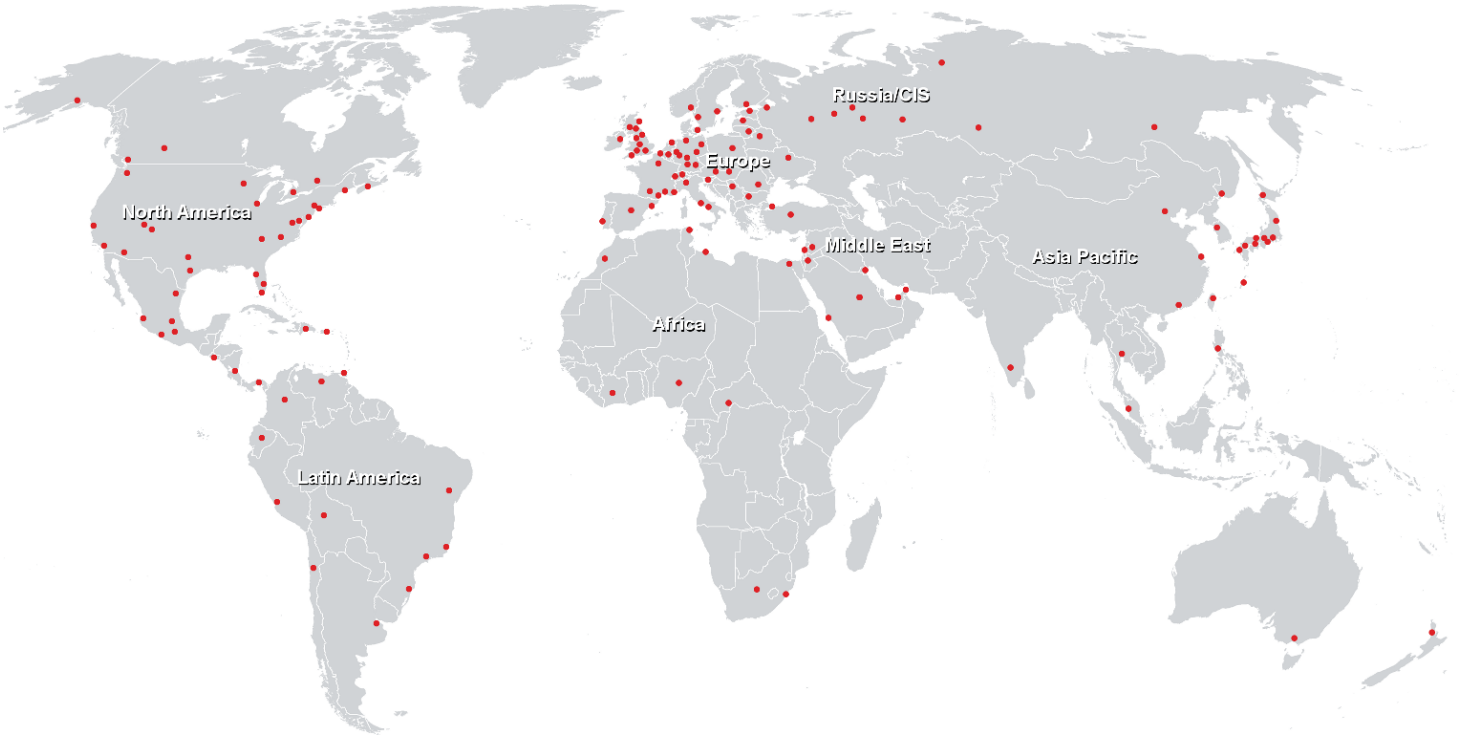
- AWS Technical Essentials course (classroom or digital)
- DevOps Engineering on AWS (AWSDEVOPS), or equivalent experience
- Practical Data Science with Amazon SageMaker (PDSASM), or equivalent experience

Course Objectives

In this course, you will learn to:

- Explain the benefits of MLOps
- Compare and contrast DevOps and MLOps
- Evaluate the security and governance requirements for an ML use case and describe possible solutions and mitigation strategies
- Set up experimentation environments for MLOps with Amazon SageMaker
- Explain best practices for versioning and maintaining the integrity of ML model assets (data, model, and code)
- Describe three options for creating a full CI/CD pipeline in an ML context
- Recall best practices for implementing automated packaging, testing and deployment. (Data/model/code)
- Demonstrate how to monitor ML based solutions
- Demonstrate how to automate an ML solution that tests, packages, and deploys a model in an automated fashion; detects performance degradation; and re-trains the model on top of newly acquired data

Training Centres worldwide





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