

# **The Machine Learning Pipeline on AWS**

## **Course Contents**

- Module 0: Introduction
- Module 1: Introduction to Machine Learning and the ML Pipeline
- Module 2: Introduction to Amazon SageMaker
- Module 3: Problem Formulation
- Module 4: Preprocessing
- Module 5: Model Training
- Module 6: Model Evaluation
- Module 7: Feature Engineering and Model Tuning
- Module 8: Deployment

You have access to the labs for another 14 days after the course. This way you can repeat exercises or deepen them individually.

### **Target Group**

This course is intended for:

- Developers
- Solutions Architects
- Data Engineers
- · Anyone with little to no experience with ML and wants to learn about the ML pipeline using

#### Prerequisites

We recommend that attendees of this course have:

- Basic knowledge of Python programming language
- Basic understanding of AWS Cloud infrastructure (Amazon S3 and Amazon CloudWatch)
- Basic experience working in a Jupyter notebook environment

#### This Course in the Web



 You can find the up-to-date information and options for ordering under the following link:

www.experteach-training.com/go/AWML

#### Reservation

On our Website, you can reserve a course seat for 7 days free of charge and in an non-committal manner. This can also be done by phone under +49 6074/4868-0.

#### **Guaranteed Course Dates**

To ensure reliable planning, we are continuously offering a wide range of guaranteed course dates.

#### Your Tailor-Made Course!

We can precisely customize this course to your project and the corresponding requirements.

Training	Prices, excl. of V.A.T.	
Classes in Germany	4 Days	€ 2,795
Online Training	4 Days	€ 2,795
Dates upon request		

Status 04/24/2025

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concepts	Module 8: [
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How to evaluate regression models	
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Train and evaluate project models	
Initial project presentations	
Checkpoint 3 and Answer Review	
Module 7: Feature Engineering and Model Tuning	
Feature extraction, selection, creation, and	
transformation	





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