

Machine Learning Workshop

Hans-on Data Analysis With Python

Data Science and Machine Learning are no exception: the gray theory cannot replace practical experience. Data handling and analysis can best be learned in your application. By making mistakes and retrospectively deriving insights from them, the wealth of experience and knowledge is consolidated. In this course, participants will cover all aspects of data analysis and building machine learning models using a case study. Starting from data taking, data processing and cleaning, simple statistical models, hypotheses and finally training and validation of Machine Learning algorithms, the course covers all aspects of a Data Scientist's work.

Course Contents

- Review
- Working interactively with Jupyter notebooks
- Python (basics & libraries: numpy, pandas, matplotlib, scikit-learn)
- Machine Learning
- Presentation of the case study
- Description of the problem
- Joint brainstorming on the approach
- Presentation of a minimal prototype
- Group work of the participants
- Regular Q&A rounds
- Individual assistance
- Presentation of the results

E-Book You will receive the comprehensive documentation package of the ExpertTeach Networking series – printed documentation, e-book, and personalized PDF! As online participant, you will receive the e-book and the personalized PDF.

Target Group

The course is aimed at users who want to practice working with real data and implementing machine learning solutions based on a case study.

Prerequisites

Basic knowledge of the Python programming language is required. This can be acquired, for example, in the courses Python for Beginners - Introduction to Programming or Python for Programmers - Basics for Quick Transition.

Participants should also have gained initial experience with both data analysis and machine learning. These can be acquired, for example, by attending the training courses Python for Data Science - Data Analysis and Insight Machine Learning and Machine Learning - Data Science and Artificial Intelligence.

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/MLWS

Reservation

On our Website, you can reserve a course seat for 7 days free of charge and in a 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	2 Days	€ 1,795
Online Training	2 Days	€ 1,795
Date/course venue	Course language German	
27/03-28/03/25	27/03-28/03/25	Online

Status 09/22/2024



Our Training Offer for You:



Classroom Training

The live training experience in our training centers or on your premises on-site.



Online Training

Attend your course in online mode – without travel and accommodation expenses and effort.



Hybrid Training

Classroom & online in one course – choose how you wish to participate in your training event.



In-house Training

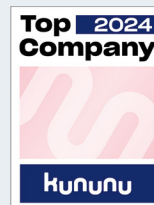
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