

DATA ANALYST IN PYTHON

Python basics, data analysis and visualizations

The goal of the Data Analyst Training is the application-oriented instruction of the free programming language Python for the preparation, processing and visualization of company data. This means that the data analyst plays a central role in the context of digitization. He or she is the link between the specialist departments and the heads of the departments, who increasingly make data-driven decisions.

MODULES

1 FOUNDATIONS OF PYTHON

- Learn the essentials of Python in the context of data analysis.
- Deepen programming knowledge in data-based business scenarios.
- Develop programs for automated data analysis.

2 DATA ANALYSES WITH PYTHON

- Read and process data with the Python module *pandas*.
- Include external data sources in the analysis.
- Apply the foundations of statistics to business data.
- Data visualizations with *pandas*, *matplotlib* and other Python modules.
- Implementation of a data pipeline for various industry data sets.
- Writing increasingly complex analysis programs.
- Perform independent data analyses with an industrial data set.



ORGANIZATIONAL

Format: Online-Training

Duration: 72 h in 3 months
(4-6 h/week)



PARTICIPANTS

Employees who want to specialize in the field of data analytics or who want to expand their existing knowledge of data analysis. Data analyst training is important for departments that are increasingly working data-driven and are making data-based decisions.



BENEFITS

- Assess and use company data as a productive factor.
- Implement complex data analyses in the specialist domain.
- Increase competitiveness with data-driven decisions.



More information about the product:
www.haufe-akademie.de/30675