

# DATA AWARENESS – A NEW MINDSET

## An holistic overview of current data technologies

The aim of the Data Awareness Training is to provide a holistic overview of current data technologies. For this purpose, a fundamental understanding of the entire data processing process for data analysis and complex data models is facilitated so that you can communicate professionally with data experts. In addition, you will learn to evaluate data analyses and projects from the specialist domain and to assess data visualizations.

### MODULES

#### 1 BIG DATA

- Data-based decision making.
- Steps of a data analysis.
- Best practices in structuring of data.

#### 2 DATAFICATION

- Understanding of data infrastructures.
- Data cleaning in complex projects.
- How is data processing structured?
- Best Practices von data visualizations.

#### 3 ARTIFICIAL INTELLIGENCE

- Application cases of artificial intelligence.
- Understanding the algorithms of supervised and unsupervised Learning (Machine Learning).

#### 4 INTERNET OF THINGS AND INDUSTRY 4.0

- Comprehending the training of AI algorithms.
- Understanding the possibilities of sensors.
- Data-based product development through A/B tests.
- Predictive maintenance of facilities with the help of machine learning algorithms.



### ORGANIZATIONAL

**Format:** Online-Training  
**Duration:** 12 h in 1 month  
(2-3 h/week)



### PARTICIPANTS

The course is suitable for anyone who wants to better understand the subject of data analytics, perform simple analyses on their own, or work closely with data experts. You should have a basic interest in data-related topics and modern data processing. No previous knowledge is required for the Data Awareness Course.



### BENEFITS

- Overview of current data technologies.
- Professional domain communication with colleagues.
- Data-based decision making.
- Increase of data awareness in your company.



More information about the product:  
[www.haufe-akademie.de/30674](http://www.haufe-akademie.de/30674)