

STATISTICS & DATA ANALYSIS

BASICS

Being able to solve simple statistical questions yourself!



FACTS

- Duration: 2 Tage
- Hold: presence | online
- Language: german | english
- Methodology:
 - lecture
 - application examples from practice
 - introduction to the programming language R

CONTENT

This training provides an overview of the basics of probability and statistics and enables participants to solve simple problems in practice on their own. Methodically, the seminar is held as a lecture and enriched with application examples. For this purpose, the statistical programming language R is introduced, which is currently a standard in the scientific field of statistics.

Target group: Everyone interested in the topic of statistics who wants to carry out simple analyses independently.

Basic knowledge: none

TOPICS

CONCEPT OF PROBABILITY

BASICS OF STATISTICAL THINKING

EXPLORATORY DATA ANALYSIS - FROM THE DATA TO THE MODEL

INFERENCE STATISTICS - FROM SAMPLE TO POPULATION

REGRESSION ANALYSIS - MODELING THE RELATIONSHIP BETWEEN VARIABLES