



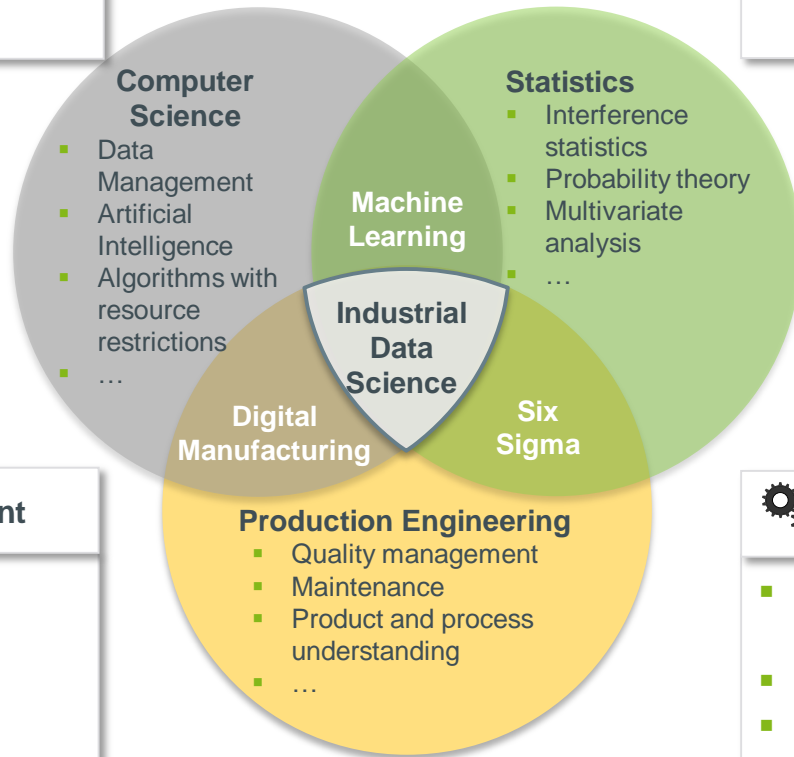
Qualification of future Industrial Data Scientists

 **Computer Science**

- Deep Learning
- Tree-based methods
- Ensemble strategies

 **Statistics**

- Association Analysis
- Data Transformations
- Concepts for Model Selection



Teaching scope:

- Introduction to Industrial Data Science
- Fundamentals of data preprocessing
- Knowledge discovery in databases and Data Mining
- Identification of use cases in production

Target group:

- Students, Engineers (in transfer projects)

Teaching infrastructure:

- Theoretical basics combined with practical case studies based on real industrial use cases

 **EVONIK**
POWER TO CREATE

 **Bitburger**
Bitter ein Best

 Industrial Production

 **BOSCH**

 **ebmpapst**


 

Industrial Production

 **Weidmüller**

 **Data Management**

- Basics of Data Management
- Database Systems
- Data Warehouses

 **Production Engineering**

- Introduction to Industrial Data Science
- Sources of industrial data
- Data analysis in industrial environments