1 Daten-
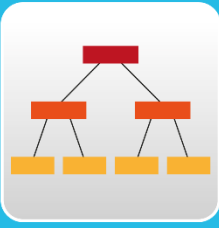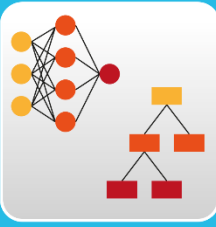vorverarbeitung

2 Machine Learning
Guide

3 Auswahl eines
Models

4 Erklärbare KI –
xAI

Description

- The 4 stations of the Data Science Track highlight essential aspects of the development of an AI application based on the use case "Classification of steel plate defects"
- Station 1: Data quality and data processing
- Station 2: How AI methods work
- Station 3: Create your own AI model
- Station 4: Establish explainability of AI methods

Change in work

- Automation of repetitive tasks through AI changes job profiles
- Support for employees through AI-based systems
- Increasing collaboration between employees and intelligent machines
- Increasing need for knowledge in the field of AI

Added value & benefits

- Visitors can learn about the development of an AI application in a playful way without any inhibition thresholds
- Quality criteria in data collection and processing are taught
- Acquisition of a basic understanding of AI methods
- Chance to create an own AI system for the use case
- Raising awareness of the lack of explanation of current AI methods

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