



IoT Data Potential Analysis

Scenario:

A customer already has sensor technology and possibly a data pool and would like to generate added value from it.

The questions are:

- "What sensor data is available (previously unused) in the company?"
- "Which business processes can be supported by the existing data or data that can be generated in the future?"
- "Is the sensor data suitable for value-added IoT solutions?"
- "Is the data quality sufficient for further processing?"
- "What specific starting points exist?"
- "What risks are to be expected?"

Proposal: IoT data potential analysis

The available data is analyzed by Data Science specialists with regard to its suitability for value-added application scenarios. The following aspects, among others, are considered:

- In which formats is the data available (structured/unstructured)?
- What is the quantity structure of the data?
- How often is the data generated or changed?
- What are the known relationships between the data?
- Which interfaces can be used to make the data available?

The data are processed on a pilot basis and tested for their usability for Data Science and AI. The goal is to show correlations in the data and to formulate derivations from them in order to derive initial use cases in this regard.

Result

The client receives an analysis report and a first functional algorithm as well as first use cases, which are presented and discussed in a results presentation.