

# CLOUD-BASED SOLUTION

## FOR REAL TIME CONDITION MONITORING



Development of an end-to-end machine learning pipeline with integrated data acquisition on the edge layer.



### Challenge

- Real-time analytics of sensor data using machine learning
- High latency and unreliable connection to the internet
- Improve analytics capabilities after delivery



### Solution

- Introducing edge-computing capabilities by leveraging an edge-runtime
- Train ML models in the Cloud; deploy and run ML models on the edge
- Upload collected sensor data to the cloud to use as training data



### Added Value

- Leverage the compute-power in the cloud to continuously improve your ML models
- Easy integration with your cloud backend
- Leverage known deployment mechanisms
- Run analytics in real-time and self-sufficient

