Data analytics — Methods for Gearbox Condition Monitoring

Interdisciplinary Project

Motivation:
At the Gear Research Centre we are developing an innovative artificial intelligence based condition monitoring system with gear damage detection. The goal is to detect various types and the intensity of gear damage during run-time as soon as possible. Therefore, we conduct many dynamic tests to get the data needed for data analytics.

Your task:
The goal of this position is to improve and implement data analytic methods for a condition monitoring application. You will mainly focus on the implementation of a standalone application.

Your profile:
- Highly interested in data analytics
- Interest in condition monitoring useful
- Coding skills (e.g. Python, C)
- Highly motivated and responsible
- Fluent in English or German

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