

Big Data Storage and Analysis for Condition Monitoring

Interdisciplinary Project

Motivation:

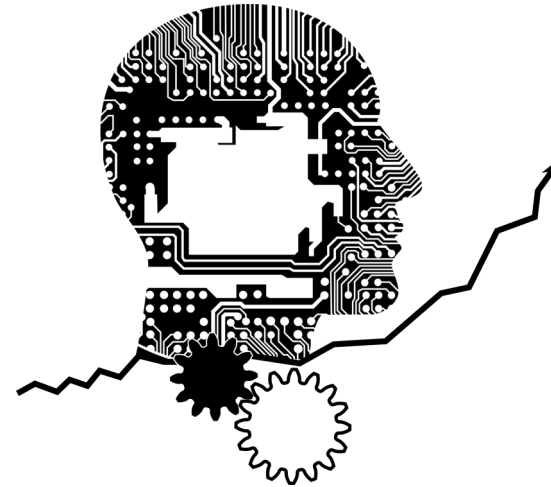
At the Gear Research Centre we are developing an innovative artificial intelligence based condition monitoring system with gear damage detection. With the benefit of having a large test facility, we are able to run as many tests as necessary to get the data needed.

Your task:

To handle the huge amount of data generated, the goal is to develop and implement a new data storage strategy. You will analyze our requirements and work on a custom-made concept for a big data storage solution and its implementation; thus, you get the chance to create something new, to apply and to extend your knowledge of latest big data storage and analysis systems.

Your profile:

- Highly interested in big data with knowledge of latest big data technologies
- Knowledge of databases (structured, semi- / unstructured)
- Coding Skills (e.g. Python)
- Highly motivated and responsible
- Fluent in English or German



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