

# Master thesis in statistics/data science

## Dynamic forecasting models for repair contract pricing in heavy trucks

The aftermarket, repair and maintenance, is a major source of revenue for Scania, and repair and maintenance contracts are major tools to grow the aftermarket business. Analysis of historical repair and operational data is an important ingredient in setting contract prices.

In this thesis, we aim to refine our forecasting methods for pricing repair contracts, especially our ability to model the dynamic evolution of the product fleet as new features and production practices are introduced.

We seek motivated MSc students in statistics, applied mathematics or engineering with strong mathematical background and analytical skills, an interest in statistical modelling, and programming skills in R or python.

Experience with structured databases and SQL is advantageous, as is knowledge of methods such as generalized linear models, Kalman filters, latent variable models, and Gaussian processes.



Time: spring 2020. Place: Scania R&D, Södertälje.

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Apply here: <http://bit.ly/yqi20vt>

