**Company**

Pon is an international trading and service organization with a workforce of 13,000 people spread over 450 locations in 32 countries.

Every day, we’re committed to delivering top quality. Adding unique value to the relationship between customer and manufacturer: that’s what Pon is about. We do that by providing a range of services for the quality products of A-brand manufacturers such as Volkswagen, Caterpillar, MAN, Gazelle and Continental. Those services include maintenance, repair, leasing, rental and insurance.

Pon’s Automobielhandel is the cornerstone of the Pon concern. It is the exclusive importer in the Netherlands for Volkswagen, Audi, SEAT, ŠKODA, Volkswagen Commercial Vehicles, Porsche, Bugatti, Bentley and Lamborghini.

**Objective**

Our objective is to Optimize the supply chain. Three drivers are underneath, supply, demand and stock, where different analysis can be done.

**Available data**

Ten years of data available. In this data there are variables as “Date Production Finished”, “Date of Arrival at PON” etc. per chassisnumber. So for every car we have a lot of events to calculate throughput times, or predictions. We als know the brand and model of each chassisnumber.

**Methodology**

We expect that modelling should make a great difference on the prediction of the short term planning and therefore are looking for a student to help us out on:

Forecasting with sales funnel data and historic data

- Insight and forecast with throughput times, conversions and built-to-order and built-to-stock ratio’s
- Inbound planning (received cars by truck and train) based on production planning and leadtimes
- Outbound planning (shipped cars to dealers) based on inbound planning
- Stock planning taken into account maximum storage capacity
- Track and trace functionality

**Conditions**

Not only modelling, also the implementation is part of the job.

Software available:  R, Tableau, Excel, Cognos, SQL Server Manager, Aginity Workbench for Netezza

Location Leusden - at least 4 days at the office.
Contact

Nancy van der Linden
E nancy.van.der.linden@pon.com | www.pon.com