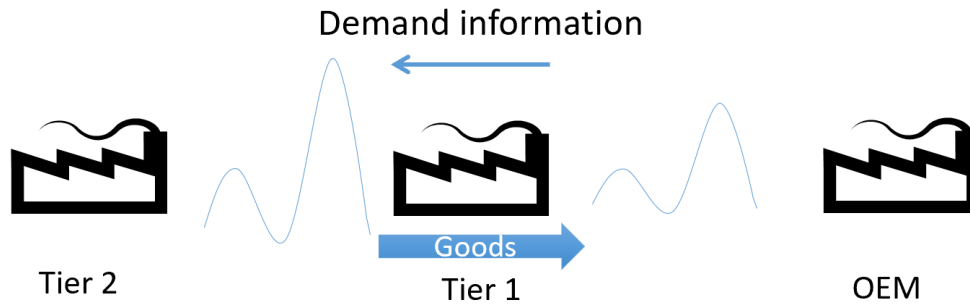


Examensarbete/Thesis proposal

Advanced analytics to identify and mitigate Supply Chain Effects



The thesis focuses on using advanced analytics to mitigate demand variations in automotive supply chain. The aim is to identify and assess root causes and effects of variations and uncertainties in demand information flow within one or several Automotive Supply Chains, and to propose actions to reduce these.

The thesis will be part of the FFI (Fordonstrategisk forskning & innovation) project "Future of sharing schedule information in automotive industry supply chains using advanced data analytics" <https://research.chalmers.se/en/project/?id=8444>.

The project will have access to a unique and huge dataset that has identified demand profiles for major players in the Automotive industry. We also have access to state-of-the-art visualization and analytics tools to use in the project.

The thesis will be done at Meridion with Volvo Group & Automotive Components Floby as the main studied companies, but more companies and supply chains may be included. The final result will be presented to the full project consortia that consists of supply chain managers in the automotive industry.

This M.Sc. thesis is aimed for students interested in Supply Chain Management and the combination with IT systems and data analytics.

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How to apply: E-mail Johan Cervell & Johan Bystedt your interest and resume before November 10.



The Volvo Group is one of the world's leading manufacturers of trucks, buses, construction equipment and marine and industrial engines. The Group also provides complete solutions for financing and service. The Volvo Group, with its headquarters in Gothenburg, employs about 100 000 people, has production facilities in 18 countries and sells its products in more than 190 markets.



Meridion was founded in 2005 and is an independent consulting firm that develops and implements effective supply chains and logistics processes. Meridion has long and extensive experience in business development and business applications, Specifically the ERP system Infor M3 & Business Intelligence system Qlik. Our ambition has always been to work on the customer side and act as a liaison between management and IT consultants.