

At the Chair of Logistics and Supply Chain Management of TUM School of Management, we are looking for an interested and qualified student to conduct his/her

## **Bachelor Thesis**

on the topic

### **Censored Demand in Retail: An Overview**

Retailers and distributors often face the challenge of censored demand due to stock-outs, which hinder accurate demand estimation and effective operational decision-making.

To address this issue, various uncensoring methods have been developed to estimate the actual demand and quantify lost sales when stock-outs occur. In the field of inventory management, different approaches exist to determine optimal order quantities under censored demand conditions.

The aim of this Bachelor's thesis is to conduct a literature review on censored demand in retail, with a particular focus on identifying key challenges, methodological differences, and the practical applications of existing approaches.

#### **Key project tasks:**

- Selecting relevant scientific literature
- Analysis and synthesis of the selected literature
- Identification of themes, debates and gaps in this research field
- Interpretation of the results of the literature review

#### **Requirements:**

The ability to work independently as well as analytical skills are required.

**Earliest begin:** July 2025

**Supervisor:** Till Krieger

**Application:** Email with curriculum vitae and transcript of records to [logtheses.log@mgt.tum.de](mailto:logtheses.log@mgt.tum.de)