

Project name: Modeling of drug consumption in hospitals

Project owner: DTU Management and Rigshospitalet

Purpose: To link consumption and usage of medicine. To model the usage of medicine based on forecasting methods.	Scope: Investigate the link between the order data and the consumption data. Investigate trends for various drugs, and the possibility of forecasting the consumption/orders in regards to these.	Success Criteria: Do a thorough analysis of the connection between consumption and orders at Rigshospitalet. Create an academically founded exploration of the possibility of forecasting models.
Milestones: Project Description Project plan Motivation Initial data exploration Data description Models Methodology Evaluation of models Results Discussion incl. ethical reflections and future work Presentation		Outcome: Bachelor project report. A cleaned dataset which can be used to model the medicine consumption vs. the orders at Rigshospitalet. Forecasting models for the orders.
Actions: Research relevant literature Get data Clean data Forecasting methods Evaluate models Write on report (ongoingly) Correspond with supervisor and Rigshospitalet (ongoingly) Prepare a presentation.		
Team: Anne Sophie Høtbjerg Hansen og Kirstine Cort Graae	Stakeholders: Rigshospitalet = the country of Denmark	Users: Hospitals
Resources: Allan Larsen and Gaspard Contacts at Rigshospitalet Data from Rigshospitalet	Constraints: Deadlines.	Risk: It may not be possible to connect the consumption and orders at Rigshospitalet correctly. It may not be possible to make forecasting models work in this case. It will be quite difficult, if at all possible, to validate the results.