



Software Lab:

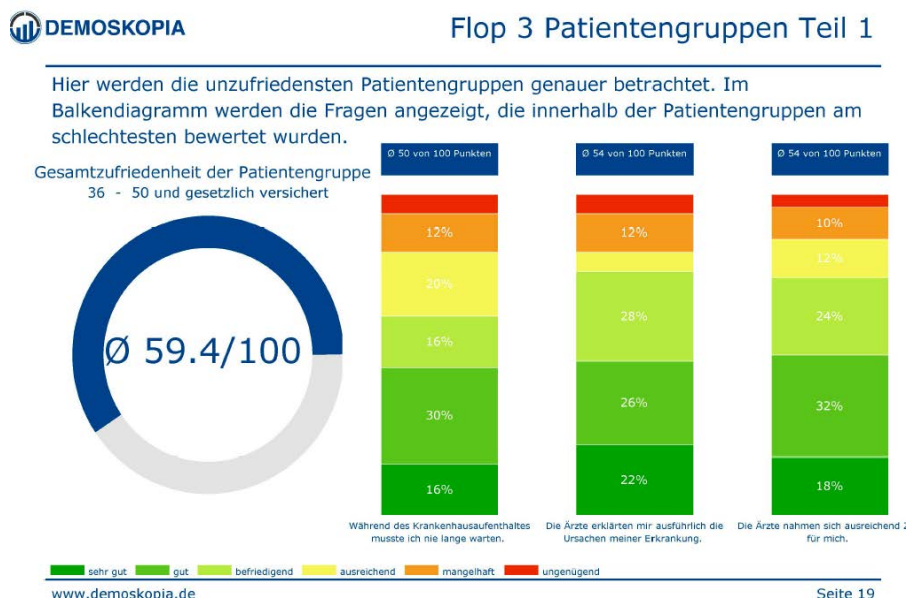
Modeling: ★★☆☆☆
Mathematics: ★★☆☆☆
Programming: ★★☆☆☆

REST API based data visualization and pdf reporting system

Setting

Demoskopia is a TUM Startup and measures patient satisfaction using tablets in clinics and hospital. The survey data is transferred from the tablet using REST API to the backend. Doctors and Physicans receive a pdf report about patient satisfaction in their hospital. The PDF report is done in matlab and should be migrated to a Python PDF Reporting engine.

Task



- Create a python reporting application that replaces Demoskopias Matlab Reporting
- Connect to the web application using REST API
- Process the data with Python Pandas
- Migrate the Analysis to Seaborn or Similar
- Migrate the report engine to python reports

Supervisors

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