

IN4089 - Data Visualization

Delft University of Technology

InfoVis Project - Individual Reflection

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My contribution to the “t-Rain” InfoVis project is described in the sections below.

Plots:

- “Dutch railway system” network graph
- “Busiest train stations” bar graph
- Contribution to the “most used modes of transport” bar graph

Data processing:

- Processing for network graph:
 - Merging of PDOK station data with the Rijden de Treinen dataset
 - Creation of JSON data structure, encoding the nodes of each station and the links between them
- Processing for “busiest train stations” bar graph
 - Cleaning of data, ensuring its correct merge with the Rijden de Treinen dataset

Other contributions:

- Data acquisition of datasets relating to stations, station distances, train journeys, disruptions and 2018 passenger rates.
- Interactivity between network graph and bar graph
- Initial concept for project domain

Report:

The report workload was equally split among the group members.