IN4089 - Data Visualization
Delft University of Technology

InfoVis Project - Individual Reflection

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Here is a list that summarizes my contributions to the "t-Rain" InfoVis project.

Plots

- Hopcount distribution barplot.

- Stations hopcount dendrogram.

- Disruption Heatmap.

- Grouped barplot for different modes of transport in the Netherlands.

Data processing

- Disruption heatmap data `preprox-scripts/disr-script.py`.

- Creation of the railway network adjacency matrix `preprox-scripts/find-adjacent-stations.py`.

- Found all shortest paths in the network `preprox-scripts/bellman-tree.py`.

- Created radial tree json parser `preprox-scripts/json-dendro-creator.py`.

- Modes of transportation grouped barplot preprocessing `preprox-scripts/modes-of-transports-to-perc.py`.

- Computed hopcount distance distributions `preprox-scripts/preprox-barplot.py`.

- Created relative station features files `preprox-scripts/relative-features.py`.

Further technical contributions

- Zoom and pan functionality on network plot.

- Most of the website styling.

Report
The report workload was equally split among the components