

# IN4089 - Data Visualization

Delft University of Technology

## InfoVis Project - Individual Reflection

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This is the summary of my contribution to the "t-Rain" InfoVis project.

### Plots:

- World train usage line chart
- Interactive Scatterplot for station features comparison
- Interactive Spider chart for station features comparison
- Minor contribution to the interactive Dendrogram

### Data processing:

- Relative features data processing and cleaning:
  - `preprox-scripts/preprox_delete.py`
  - `preprox-scripts/rename_codes.py`
  - `preprox-scripts/preprox_upper.py`
  - `preprox-scripts/sort_rows.py`
  - `preprox-scripts/preprox_featurenames.py`
- Complete preprocessing of Scatterplot and Spider chart data
  - `preprox-scripts/preprox.py`
  - `preprox-scripts/preprox2.py`
  - `preprox-scripts/preprox3.py`
  - `preprox-scripts/preprox_canc.py`
  - `preprox-scripts/preprox_add_selfzero.py`
  - `preprox-scripts/preprox_names_codes.py`
  - `preprox-scripts/drop.py`

### Further technical contributions:

- Webpage *scrollytelling* layout
- Searchbars with suggestions for Dendrogram, Spider chart, Scatterplot
- Webpage graphic effects (transitions, delays)
- Bug fixing

### Report:

The report workload was equally split among the components.