

# IN4086: Data Visualization

## Final project

Ka-Ping Wan  
4111443

Carlo van der Valk  
1308378

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## 1 Ka-Ping

First Carlo and I did a preliminary research on what and how we wanted to do and choose the subject and visualizations. Then I did the data acquisition. The data originated from worldbank.org. The data needed to be processed properly first. Some countries were not included in the data and there were a lot of missing data that needed to be filled with logical values.

After that I created the geographical map and the table. I created the interaction between the table and map. Also some of the charts were not created properly that I eventually optimized and fixed. At the end I did the cleanup and we did the final report together.

## 2 Carlo

Ka-Ping and I started with researching subjects, searching for usable datasets and then decided on a subject.

After Ka-Ping acquired the data I started with creating visualizations. With this data I was able to create the line chart and add some linking and brushing functionality to it with a timeline slider. The timeline slider was then also connected to the geographical map that Ka-Ping implemented.

After having accomplished these visualizations I experimented with different visualizations for the data. This resulted in the bubble chart and scatter plot. I implemented both these visualizations with the same features of the other charts.