This is the DBL HTI + Webtech project 'Mercury' of group 53.

Our webpage has a web design built with HTML5, CSS3, and JavaScript, while the visualisations are made with the JavaScript library D3.js.

The tool can be started from index.html. From there for the data visualisation you can go to the visualisation tab.

To create a visualisation click on the 'Browse' button and choose the csv file.

Then press 'Start Visualisation' and a node-link graph will be created and the adjacency matrix as well.

If you have already clicked 'Start Visualisation' once and want to see a different file, you will have to refresh the page

It is recommended that the force graph is filtered, by either job title or time, as a force graph on the full dataset makes the performance of the tool worse.

The tool is not compatible with windows explorer or mobile devices

Features of the node-link graph:

You can drag the nodes of the graph around. You can use the two filters.

The first one is filtering related to the job title. When you click on one of the job titles, the button's color changes and this means that you see the dataset filtered only based on the buttons with changed color. You can choose multiple job titles at the same time. Moreover, in order to delete one of the job titles, you have to click on the button again and when it becomes white it means the job title is not displayed.

The second filter is to filter the nodes based on a date. You can drag the filter and when you choose a date you have to release your mouse

When you hover a node, it will show the name and job title of the person, whom It represents

When you hover a link with you mouse, you will see the sender, receiver and the sentiment of the email

Features of the adjacency matrix:

You can use the ordering of the adjacency matrix by clicking on the drop down menu and then choose one of the options.

On mouse hover, you will see the sentiment