

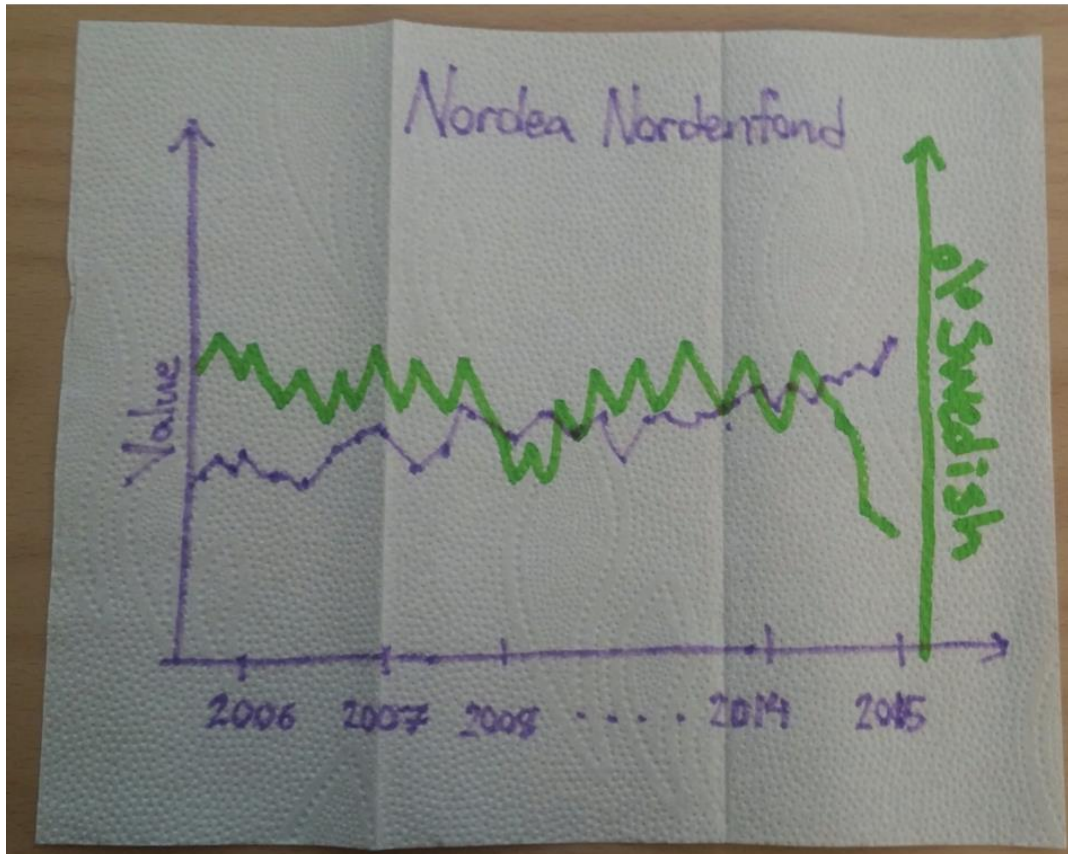
Lab 3 Report

Nordea Nordenfond

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Background

The purpose of this lab is to visualize the market value of the Nordea Nordenfond market value as well as the percentage of the value which is in Swedish companies. Given dataset contains data of the fund on a quarterly basis between 2006 and 2015. The fund consists of investments of different companies in the periods between 2006 and 2015. The boss asks for a graph similar to the one she drew on the napkin.



Boss's graph

Methodology

The methods are data extraction, data manipulation and data representation.

The overall process as follows:

1. Data exploration
2. Data cleaning
3. Feature selection
4. Data representation

First step was to only consider the purple line in which we denote the market value of Nordea Nordenfond with all countries included.



Market value Nordea Nordenfond (billions on quarterly basis)

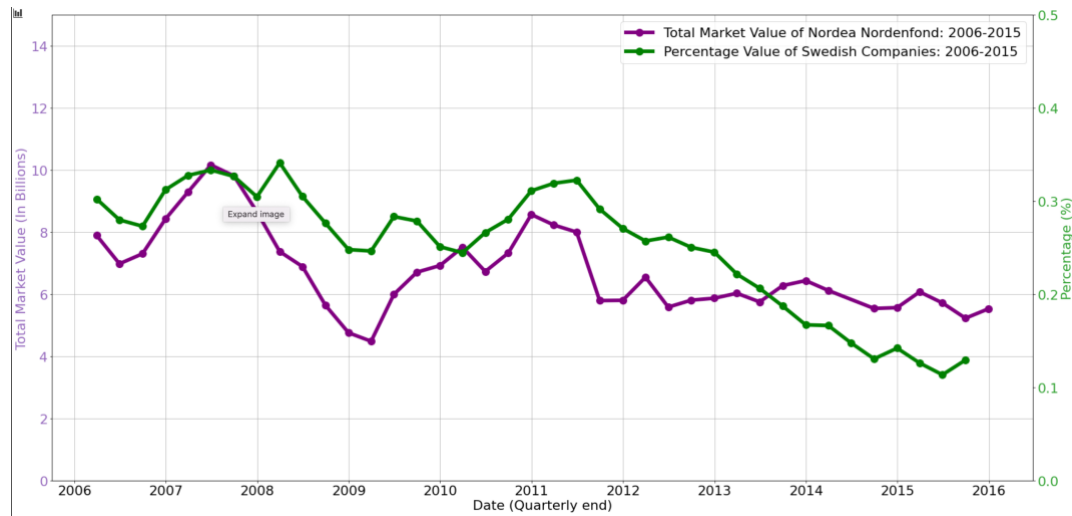
Secondly, we plot the green graph to denote the percentage of the value which is in Swedish companies. Finally, we merged those together to converge. We exclude all other countries.



Percentage of only Swedish companies

Convergence

After completion we have graph that visualize the sought-after graph the boss asks for.



Final Graph: Green line indicates the percentage of fund investments of Swedish companies. Purple line indicates the market value of Nordea Nordenfond.