**Objective**

Our aim is to create software that analyzes previous stock data of certain companies, with help of certain parameters that affect stock value. We are going to implement these values in data mining algorithms and we will be able to decide which algorithm gives the best result. This will also help us to determine the values that particular stock will have in near future.

We will determine the patterns in data with help of data mining algorithms.

An extension to the project that sends an sms to the user that is triggered on certain events can be added as an optional feature.