# Random Forest

The random forest is a classification algorithm consisting of many decisions trees. The random forest algorithm is a supervised learning model as it uses labelled data to “learn” how to classify unlabelled data.

The Random Forest Algorithm is composed of different decision trees, each with the same nodes, but using different data that leads to different leaves. It merges the decisions of multiple decision trees in order to find an answer, which represents the average of all these decision trees.

Stock Market: Machine learning also plays role in the stock market analysis. When you want to know the behaviour of the stock market, with the help of Random forest algorithm, the behaviour of the stock market can be analysed. Also, it can show the expected loss or profit which can be produced while purchasing a particular stock.