Abstract

2019 Spring

INFSCI-2160 Data Mining

Project name: Stockive

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The problem chosen: Stock prediction system

Context: The record of stock price is a time series, which reflects the performance of a corporate. Although there are a lot of complicated theoretical financial features to evaluate the stock price, it is still difficult to predict the price technically. However, as the deep learning technology is getting advanced, the opportunity to gain a steady fortune from the stock market is amplifying. We want to design a good algorithm which is based on deep learning method to predict the stock price and help the investors to gain steady profits. We will also make our algorithm a practical system that can be used in real investment environment, which is of great importance to help in maximizing the profit of stock option purchase while keeping the risk low.

Data: AMD and GOOGLE Stock Price. Historical prices since 2009
1. AMD.csv
2. GOOGL.csv
Source files link: https://www.kaggle.com/gunhee/amdgoogle