Financial Analysis for Disney's Stock Price

The scripts to process and manipulate the data rely on pandas, numpy, sci-kit learning, matplotlib. We divide the whole Financial Analysis into three separate analysis, which are Fundamental Analysis, Regression Analysis and Moving Average Crossover Analysis respectively. All the code files are well integrated inside "Code" file, and local csv files are stored in "CSV Files" file. Please upload these csv files into python notebooks before running the codes.

Packages in Use

- Numpy
- Pandas
- Matplotlib
- Sci-kit Learning
- Statsmodels

Data Cleaning

Considering cumbersome process of merging Data set and Data Cleaning, we disclose all Data Cleaning prior to Data Analysis process presented in Jupyter Notebook in this file as reference. The data used in Fundamental Analysis and Regression Analysis were extracted using this method.