README

Aim:
This project aims to build a long-short term memory networks model to predict stock price.

Dataset:
The data set used is historical prices of all the companies in DAX, which is queried from Yahoo Finance and is stored in the DAX_20021505_20190918.csv file. The VDAX dataset is downloaded from ariva and stored in the VDAX_20021505_20190918.csv.

Software and libraries:
I for data preprocessing I used numpy, pandas, datetime.
For visualization I used: matplotlib.
For the models I used: Sklearn Linear Regression and TensorFlow.
For coding I used a colab notebook.
All the code and result can be found in the Stock_Price_Prediction_using_LSTM_short_v1.ipynb.

The project proposal is the proposal.pdf, and the final report is the Final_report.pdf.