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CS450

Neural Networks

Source Code

https://github.com/gustavo-hideo/IntoData/blob/master/Projects/Stocks%20predictor%20-%20in%20progress/in%20progress%20-%20gustavo.py

Approach

Experimentation.

I used **KERAS** and **LSTM** (Long Short Term Memory) for the NN model.

My libraries for wrangling the data and preparing the train and test datasets were **PANDAS**, **NUMPY** and **FASTAI** (create date features).
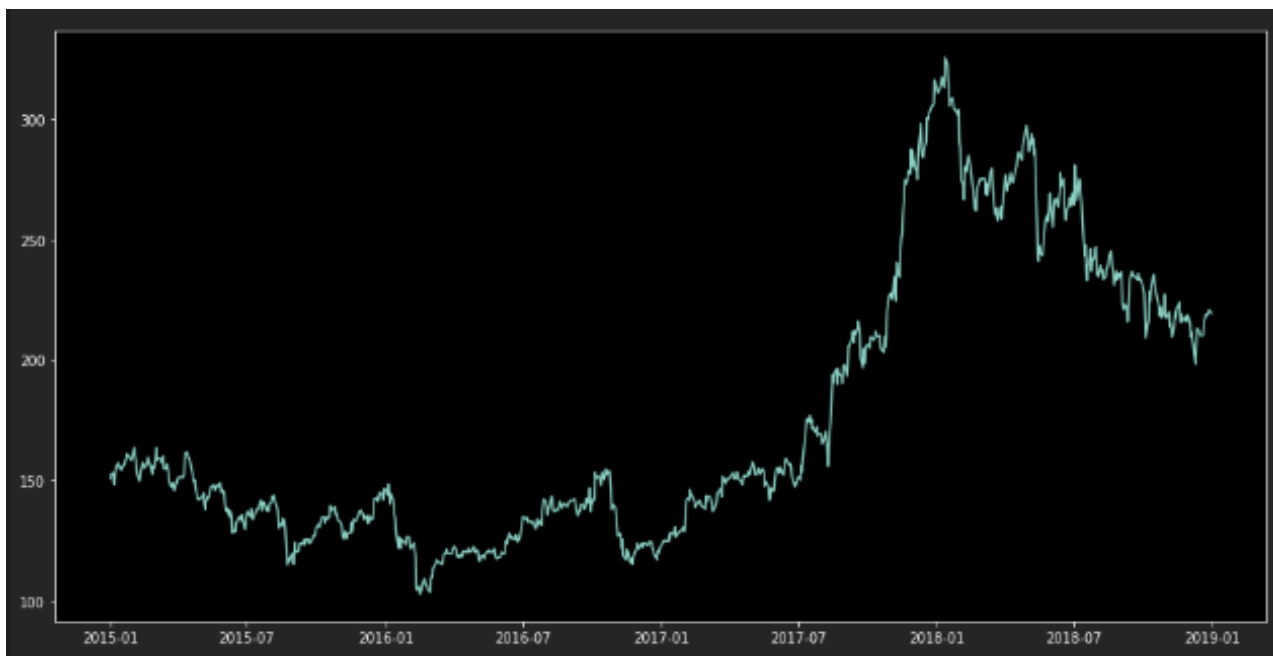
The dataset I extracted using a **QUANDL API**.

Challenges

The hardest part of the work was to prepare the data to be used with the neural networking model, mostly to understand how the shape needs to be, and to normalize the data.

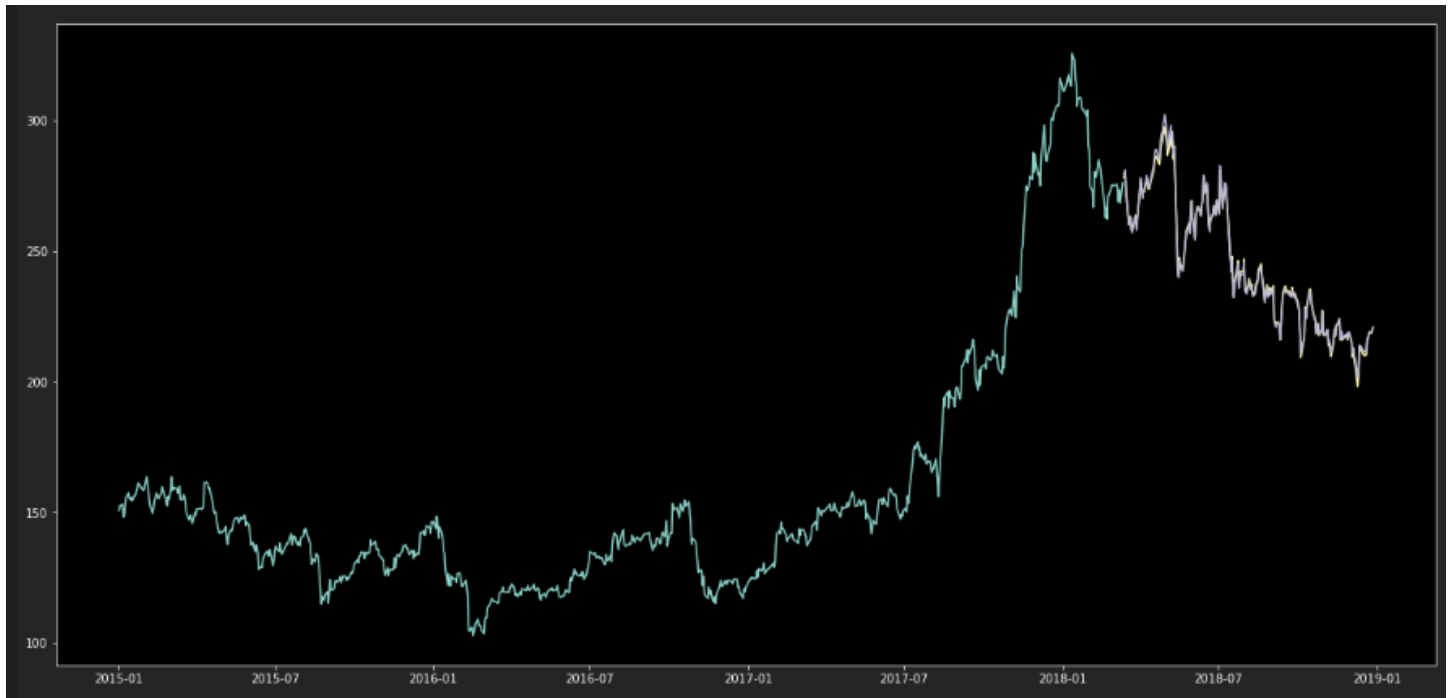I used examples and tutorials in the internet to learn how to shape the data.

Results

Dataset

RMSE: 1.27

Prediction (white line):

Assessment

4) Meets requirements

5) Data wrangling.