Snapshot of the algorithm and data collected for the RNN-LSTM with attention

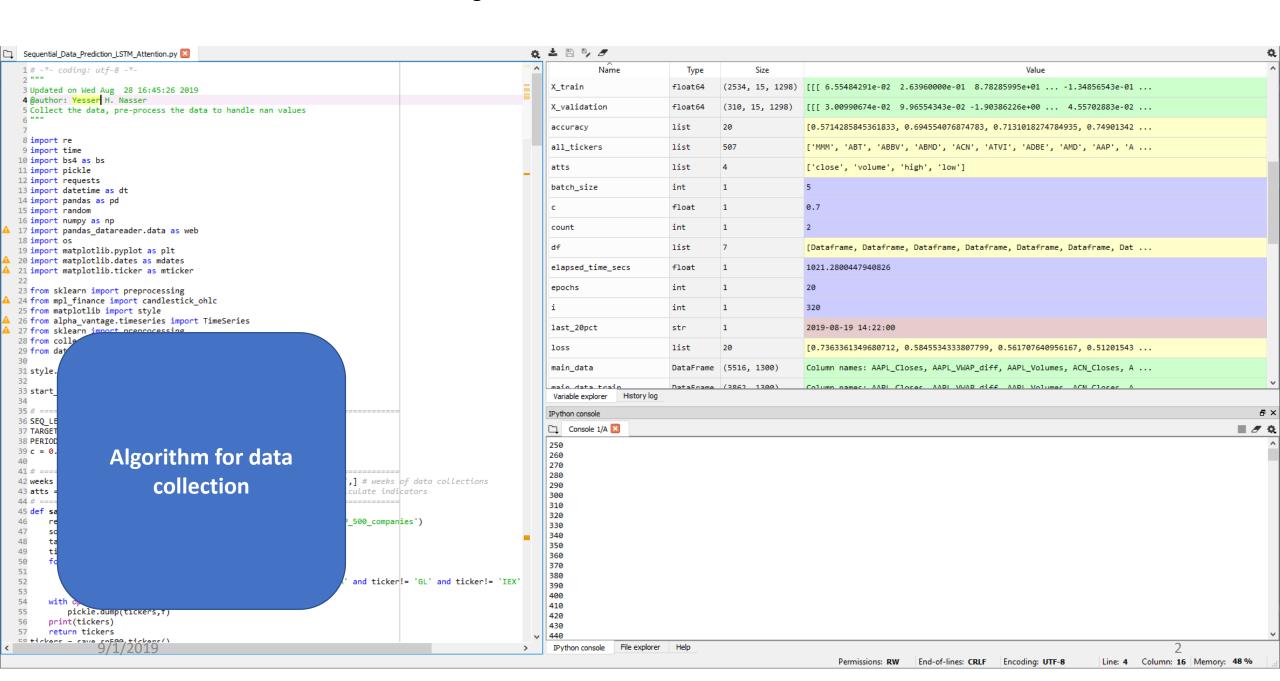
Ongoing Application: High Frequency Quant Trading strategies using machine learning.

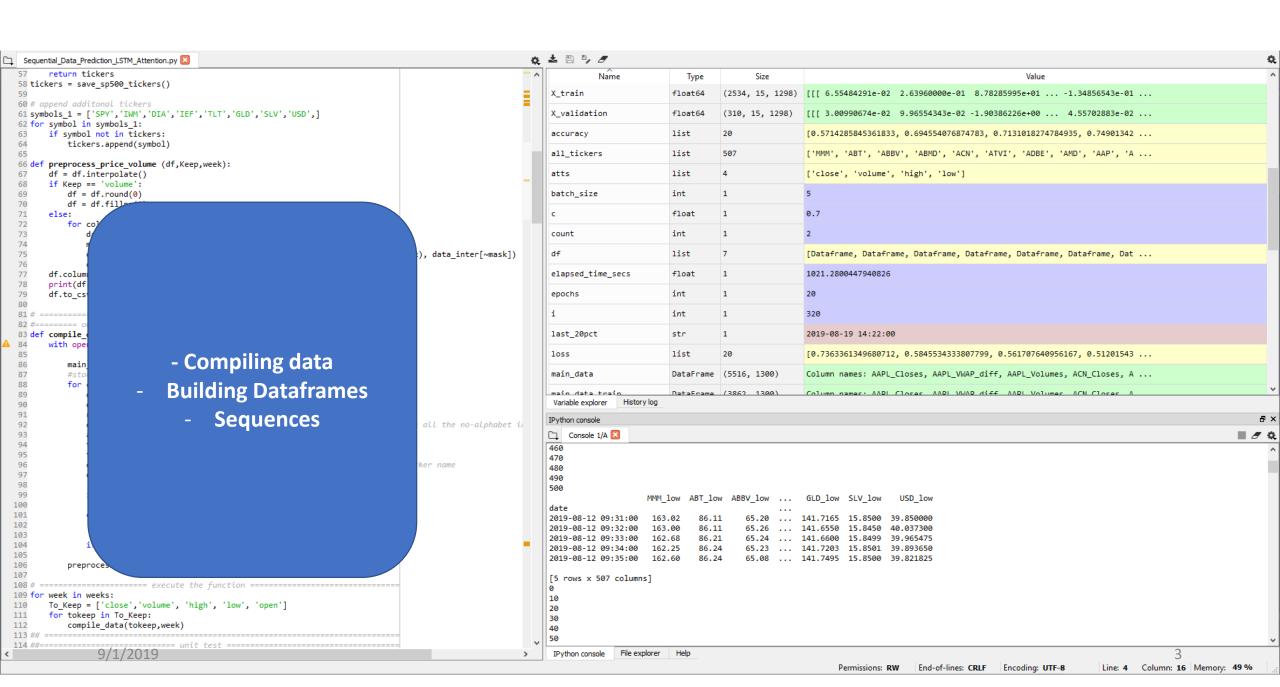
Author: Yesser Nasser, PhD

Quantitative Data Scientist – Machine Learning Engineer

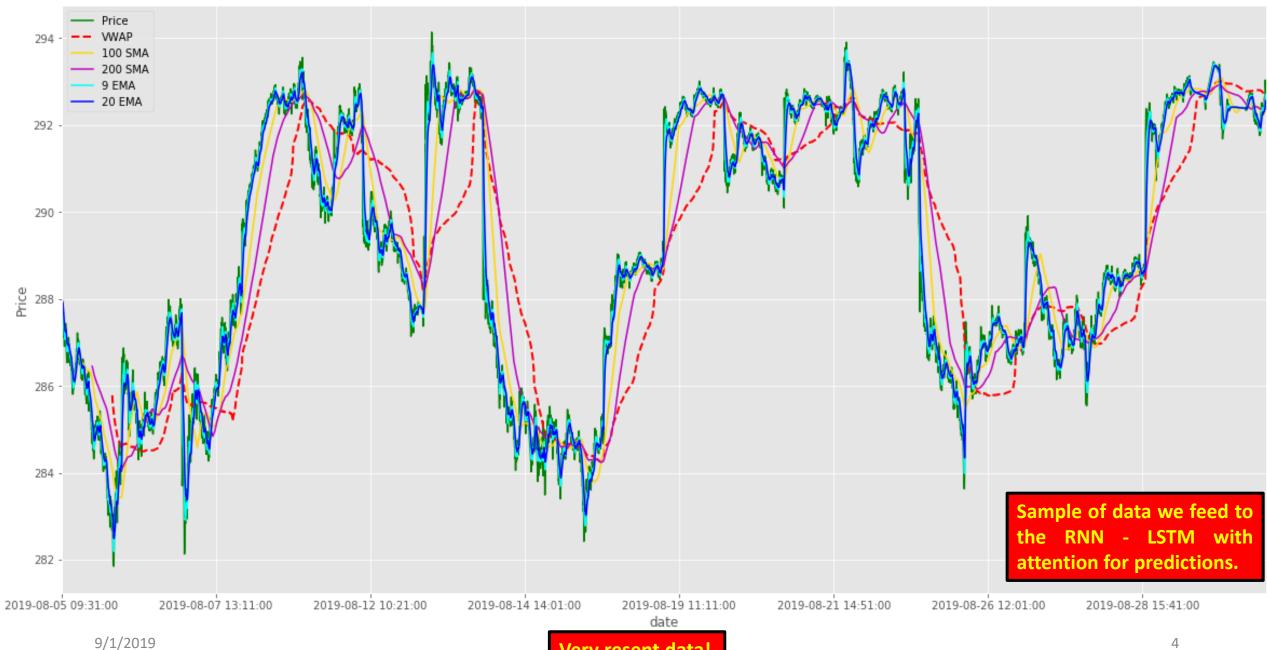
Yesser.Nasser@icloud.com

Algorithm Part 1: data collection





SPY



N.B: Time frame: 1 min

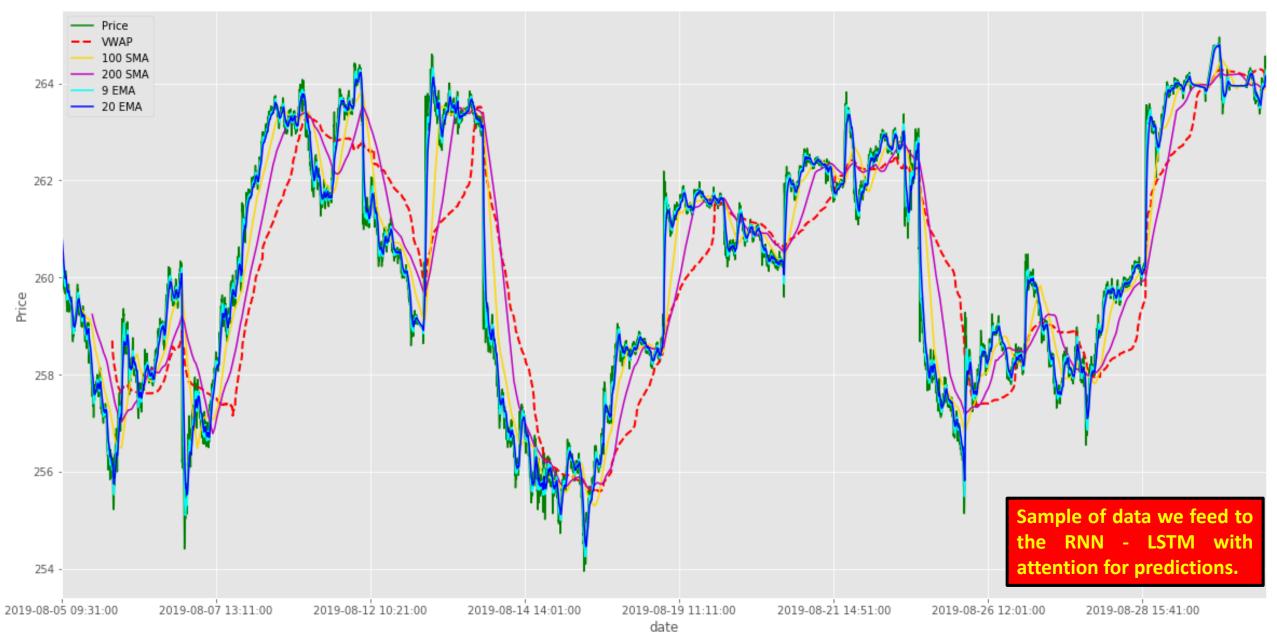
TLT



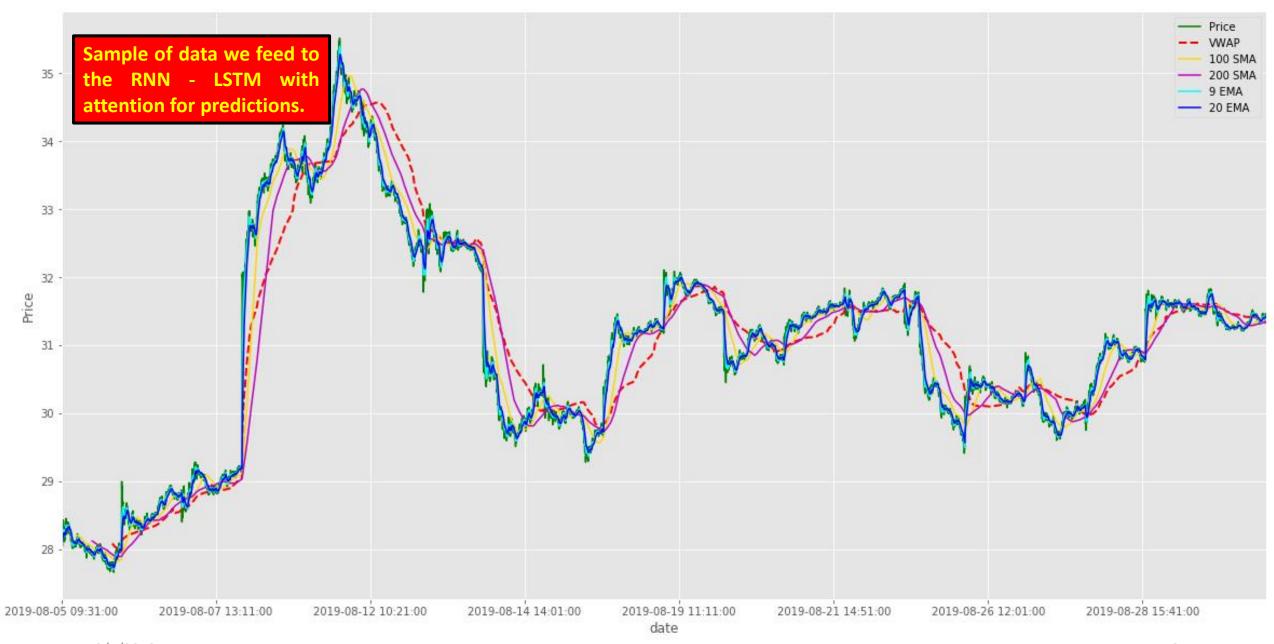
GLD



DIA

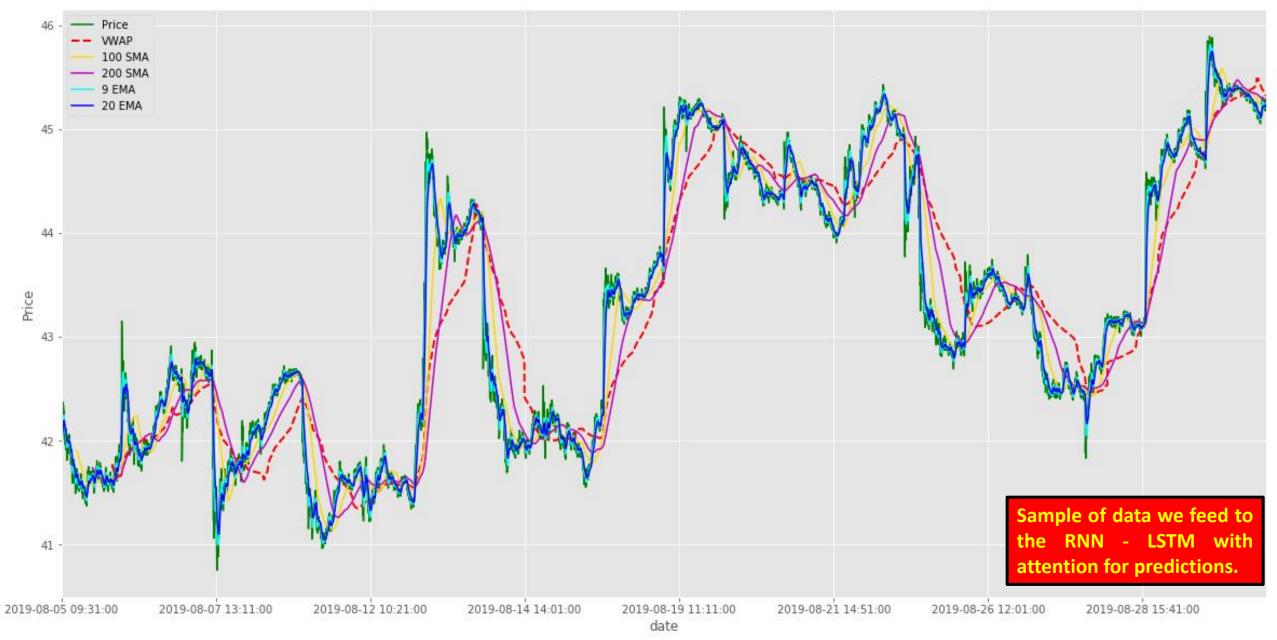


Stock Price - AMD

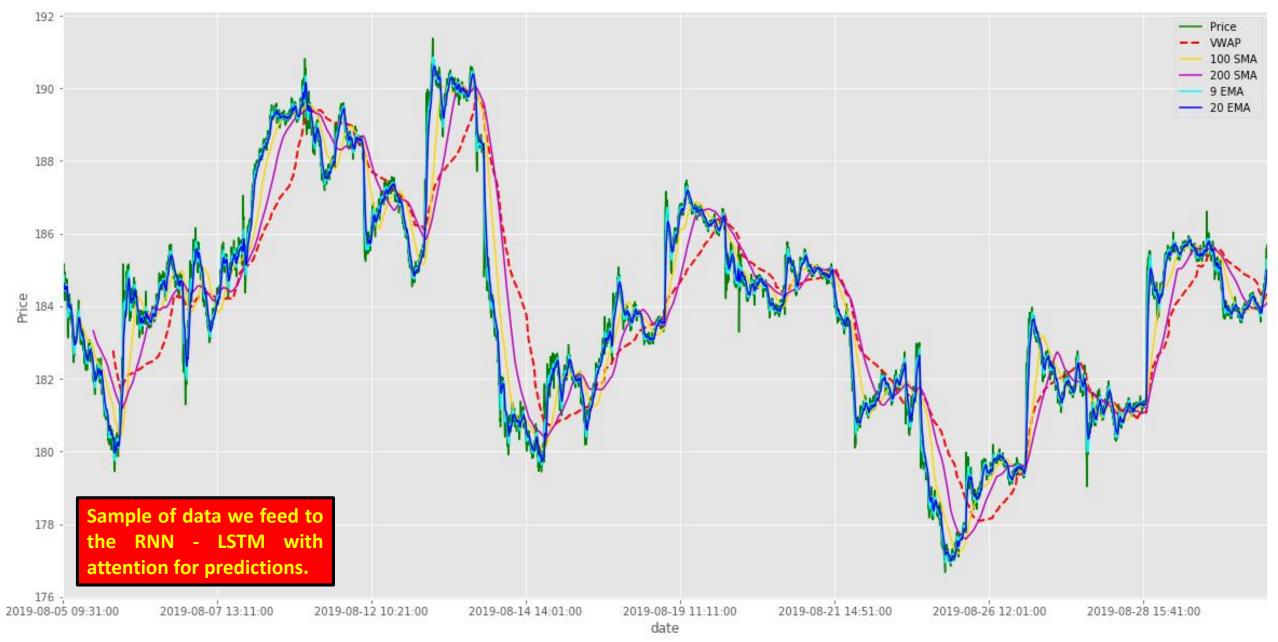


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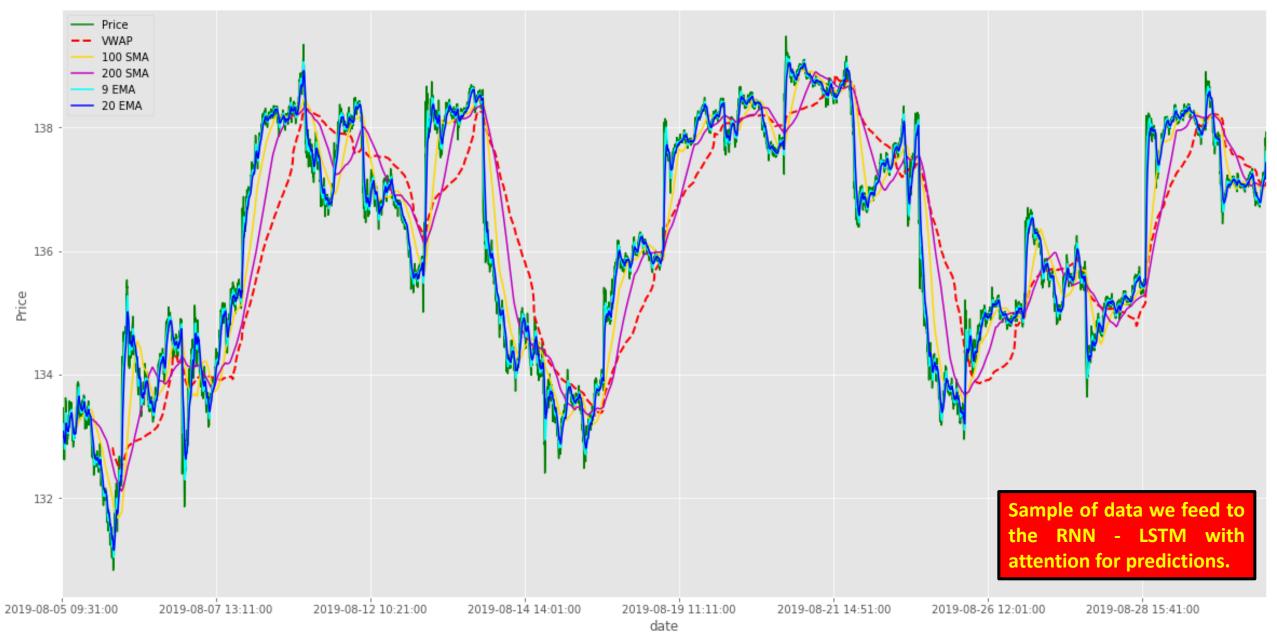
Stock Price - MU



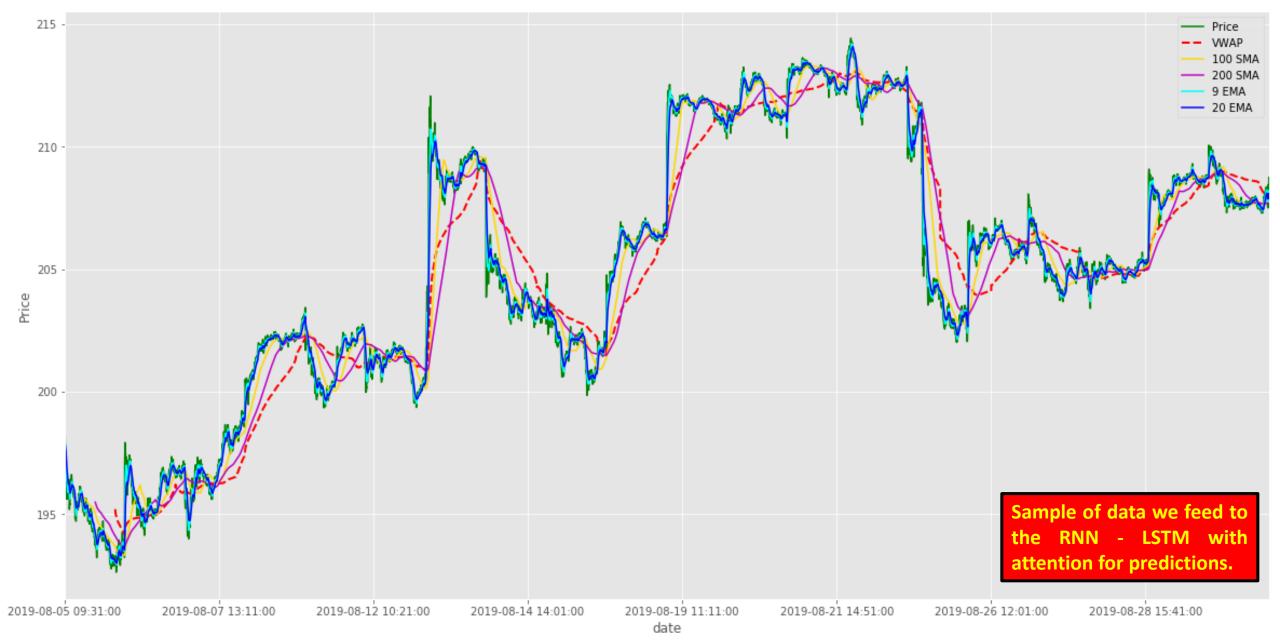
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Stock Price - MSFT

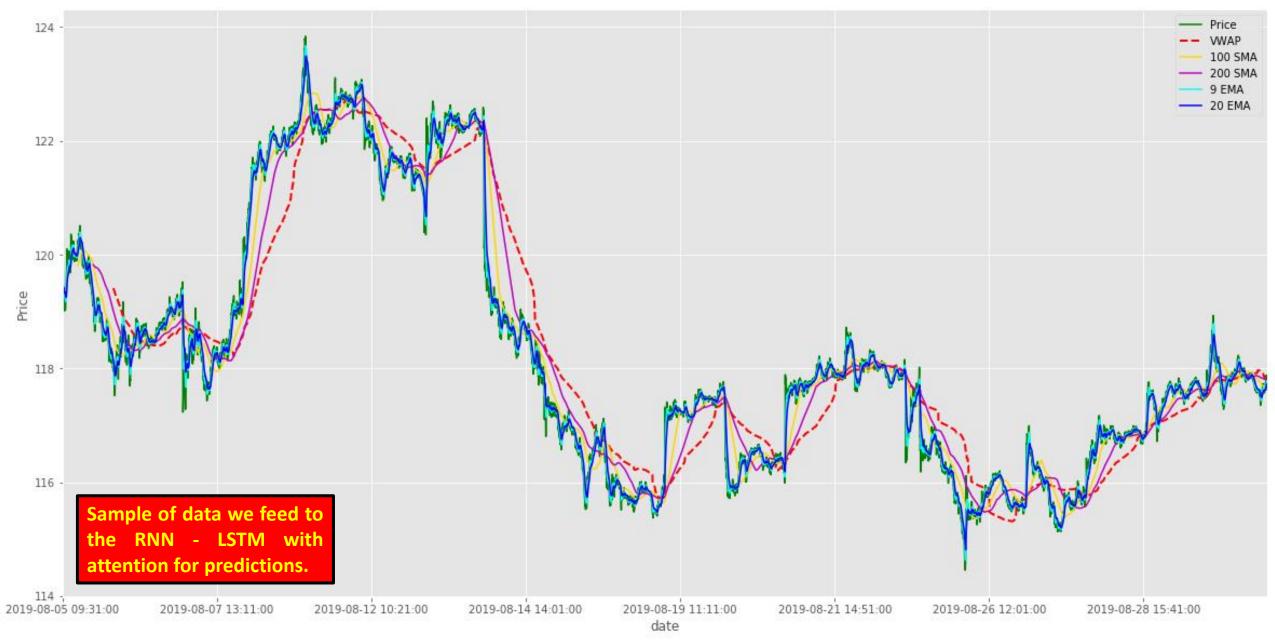


Stock Price - AAPL



9/1/2019

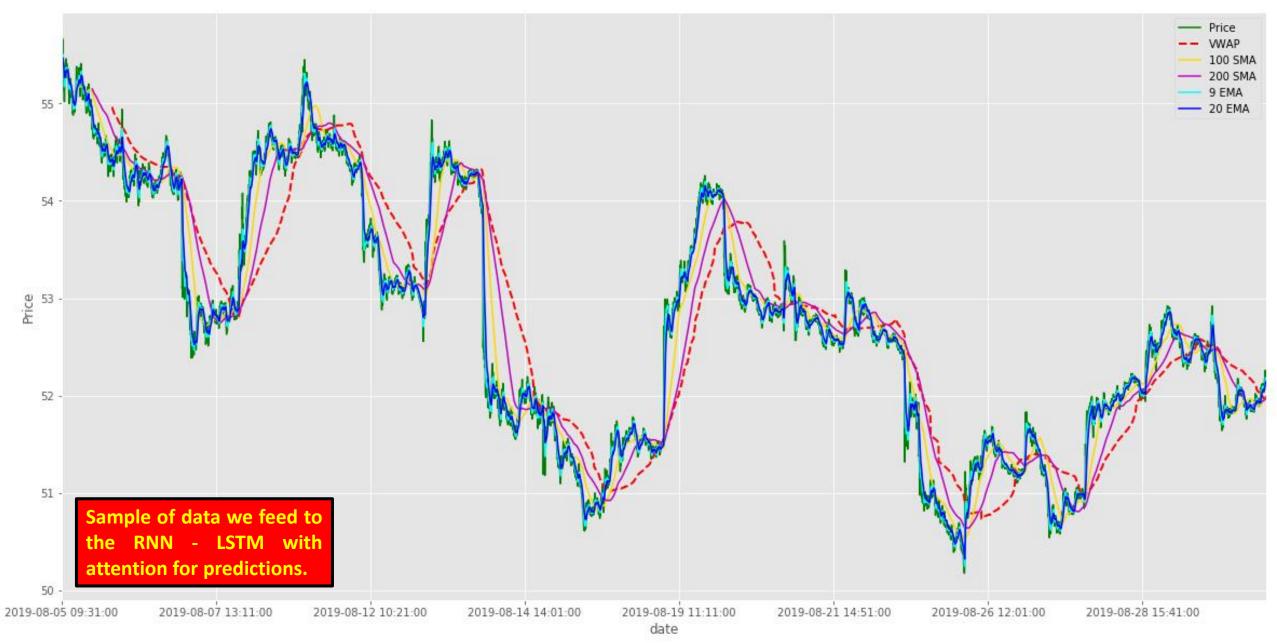
Stock Price - CVX



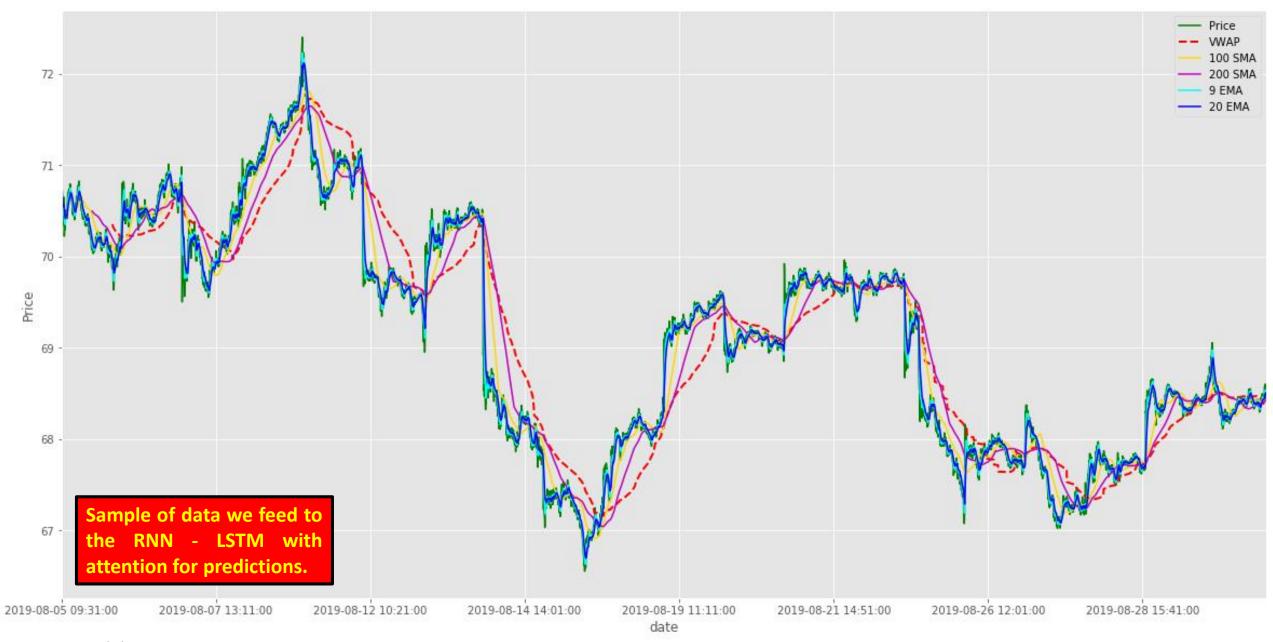
9/1/2019

N.B: Time frame: 1 min

Stock Price - COP

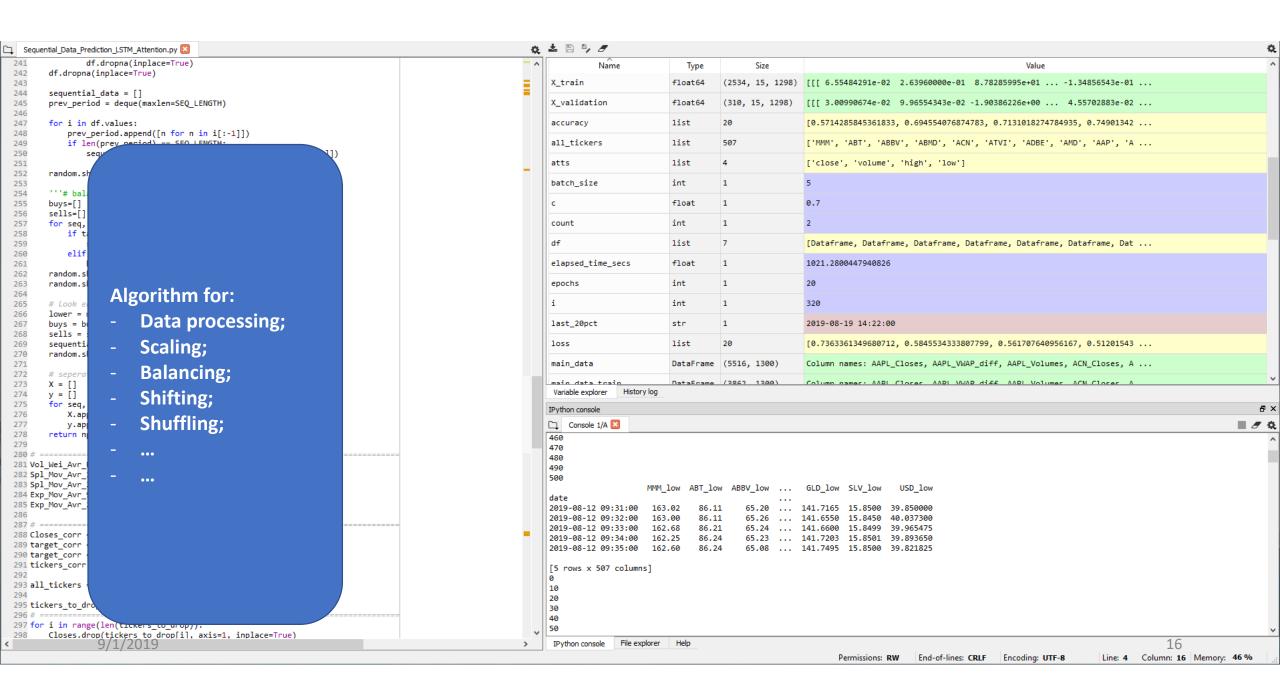


Stock Price - XOM

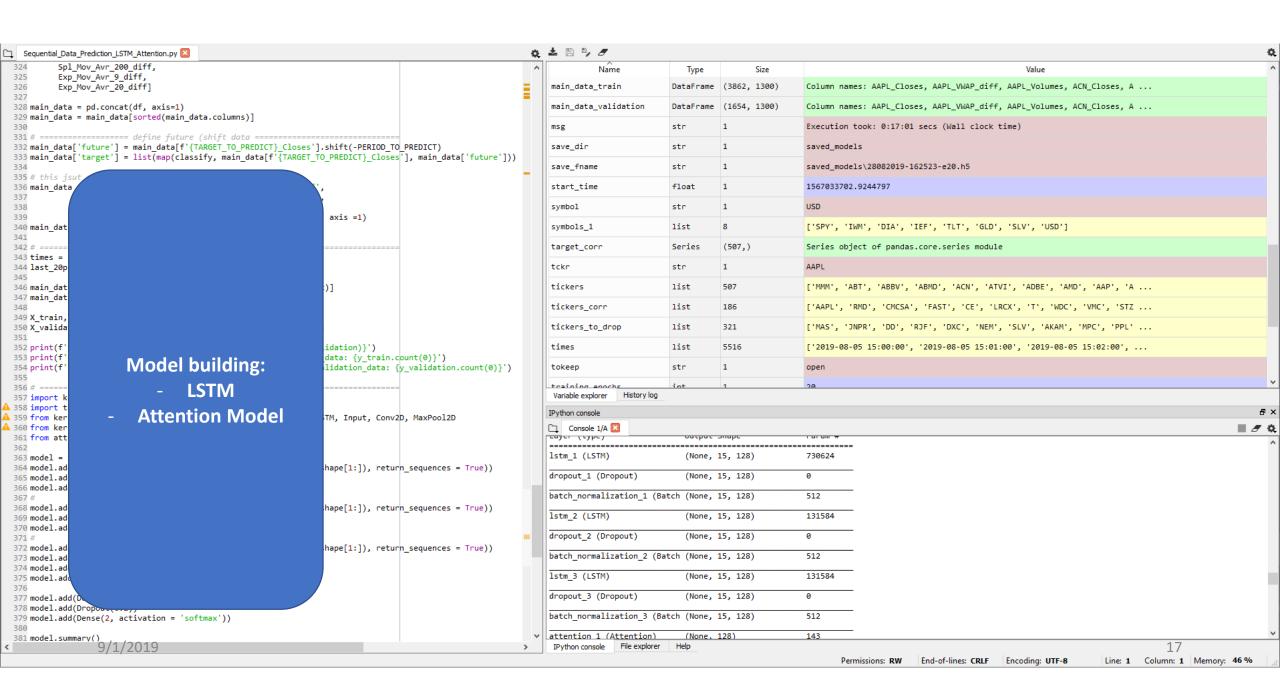


9/1/2019

Algorithm Part 2: Data preprocessing



Algorithm Part 2: Model building



Algorithm Part 3: Running Model – preliminary results

