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

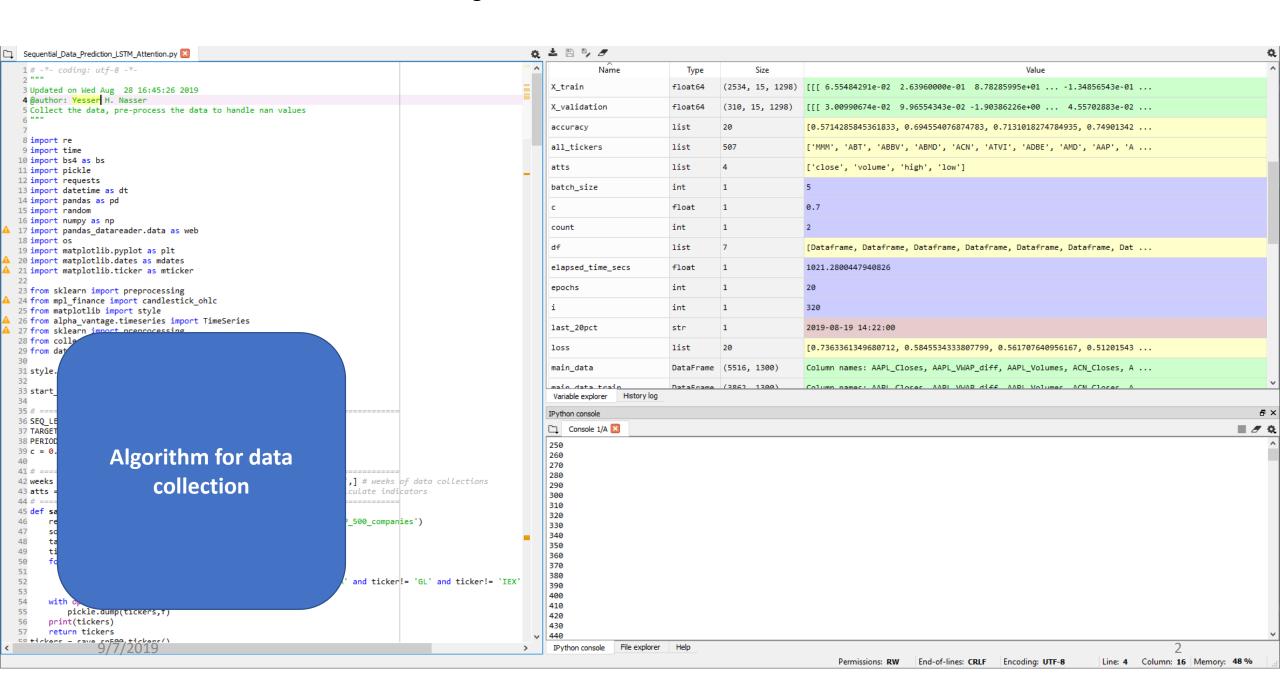
Ongoing Application: High Frequency Quant Trading strategies using machine learning.

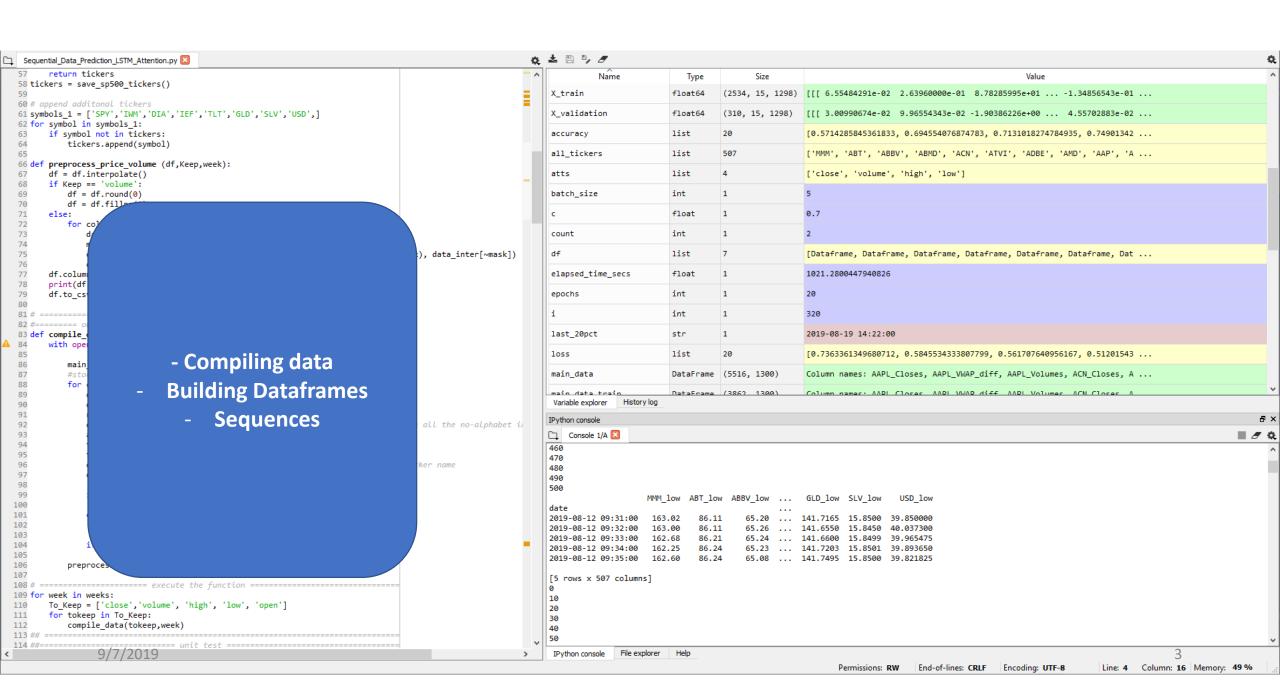
Author: Yesser Nasser, PhD

Quantitative Data Scientist – Machine Learning Engineer

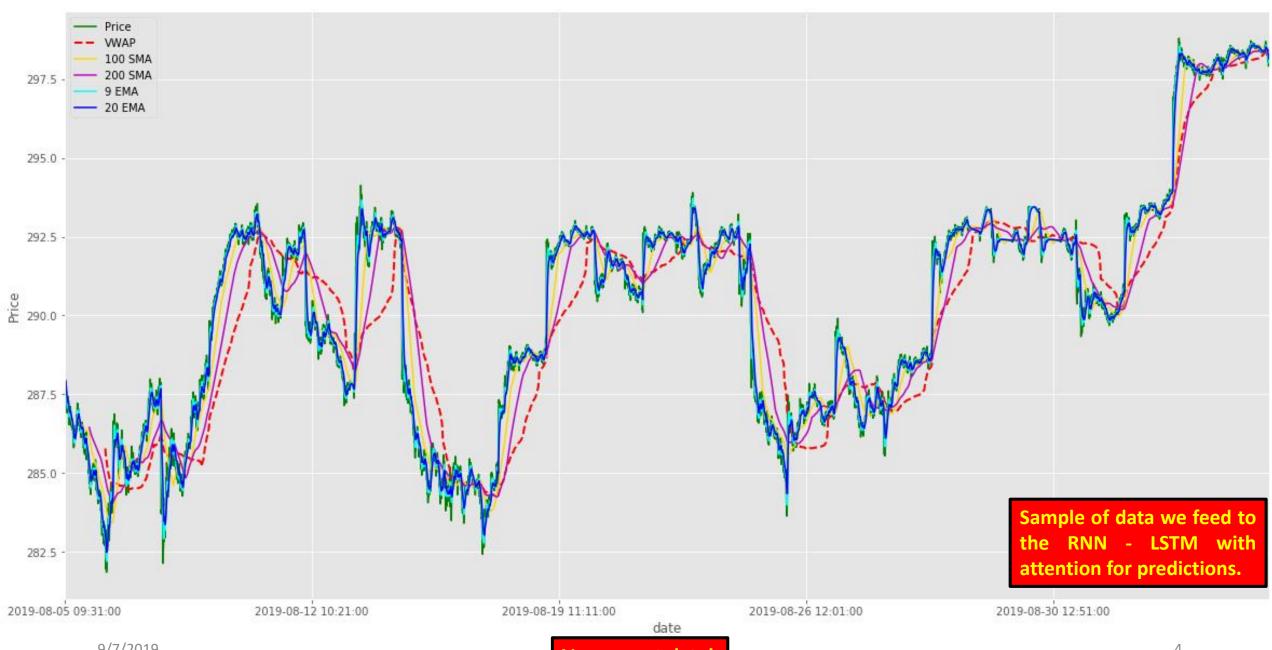
Yesser.Nasser@icloud.com

Algorithm Part 1: data collection

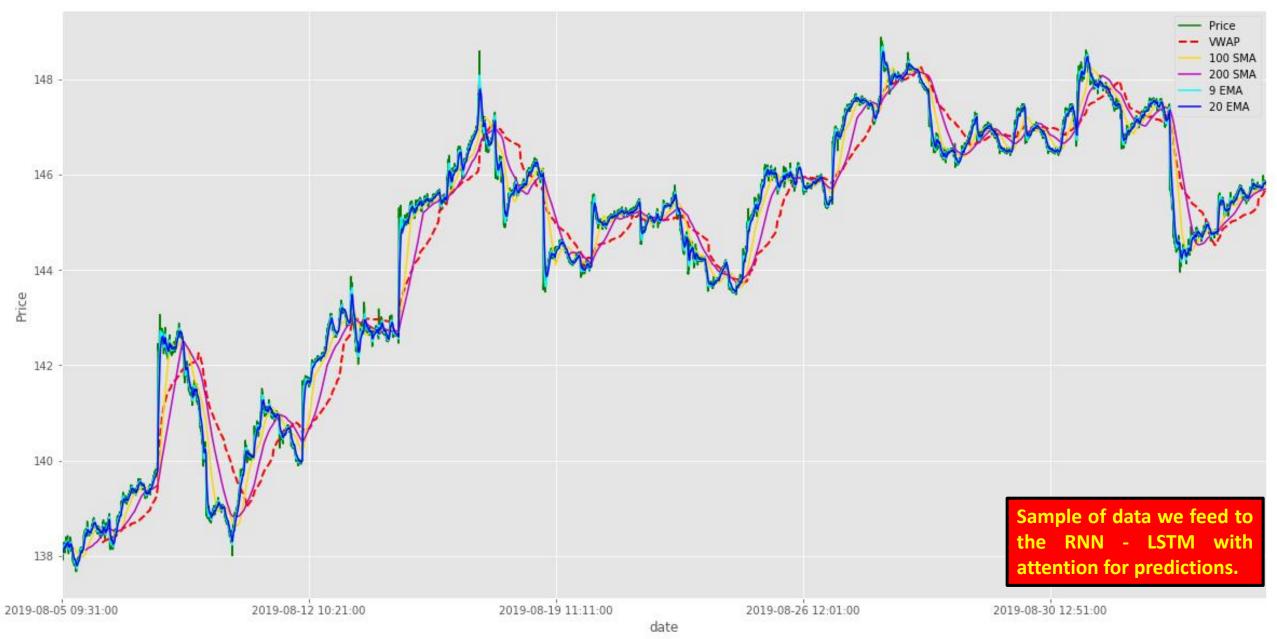




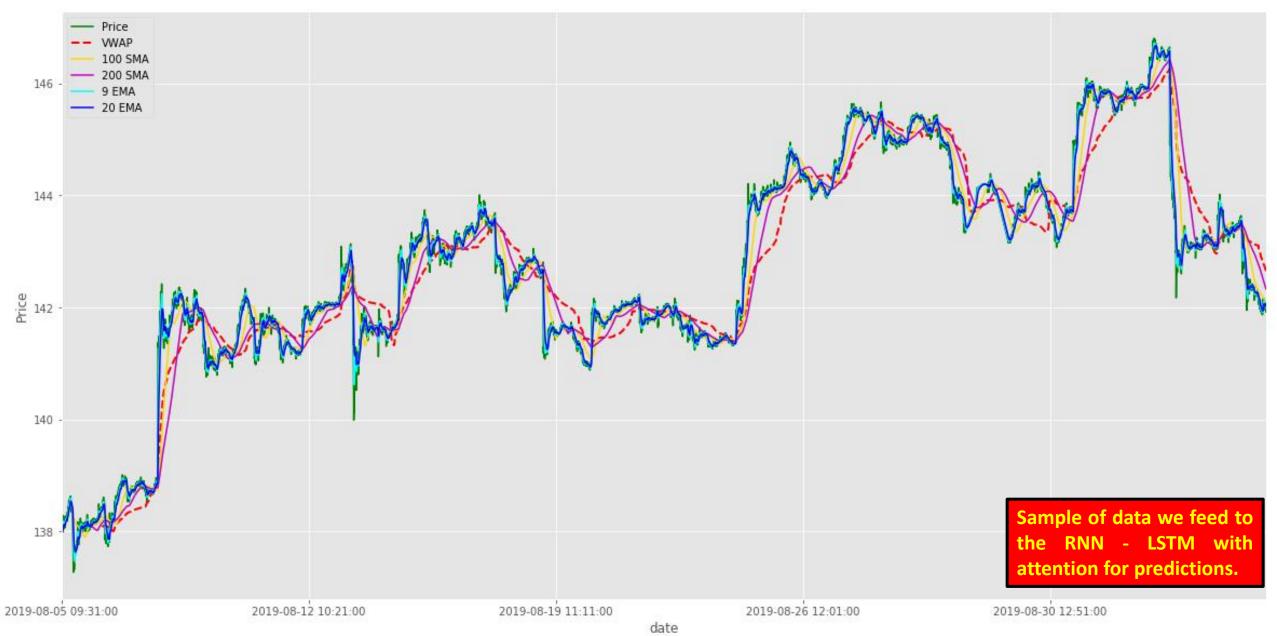
SPY



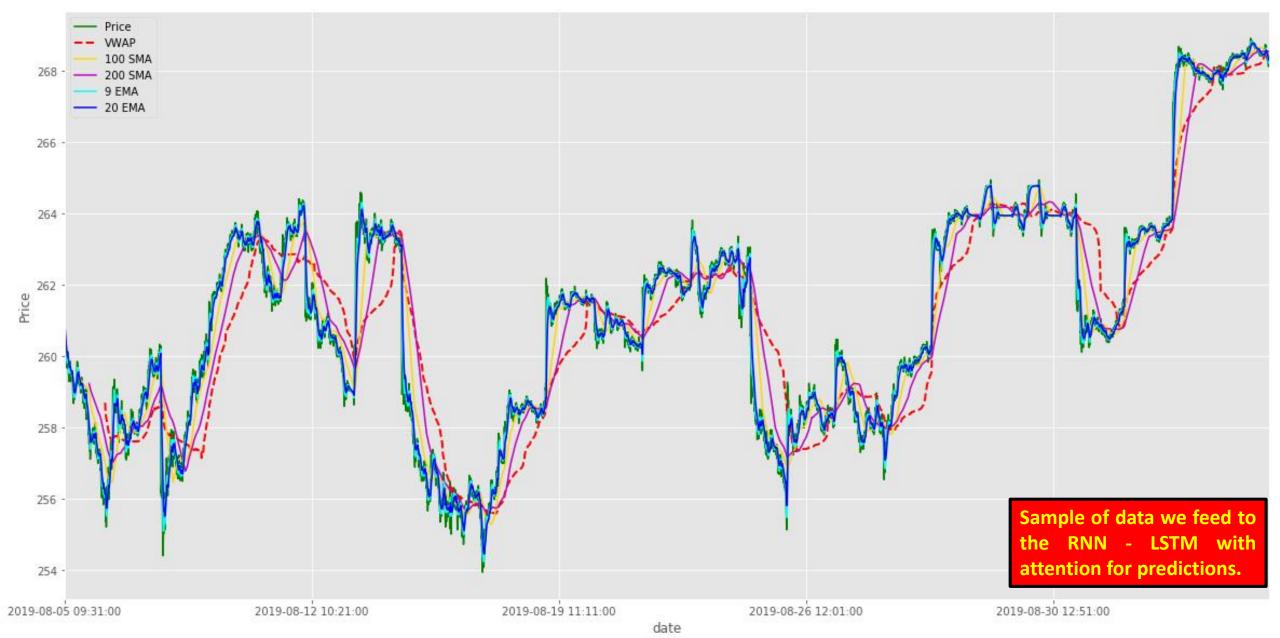
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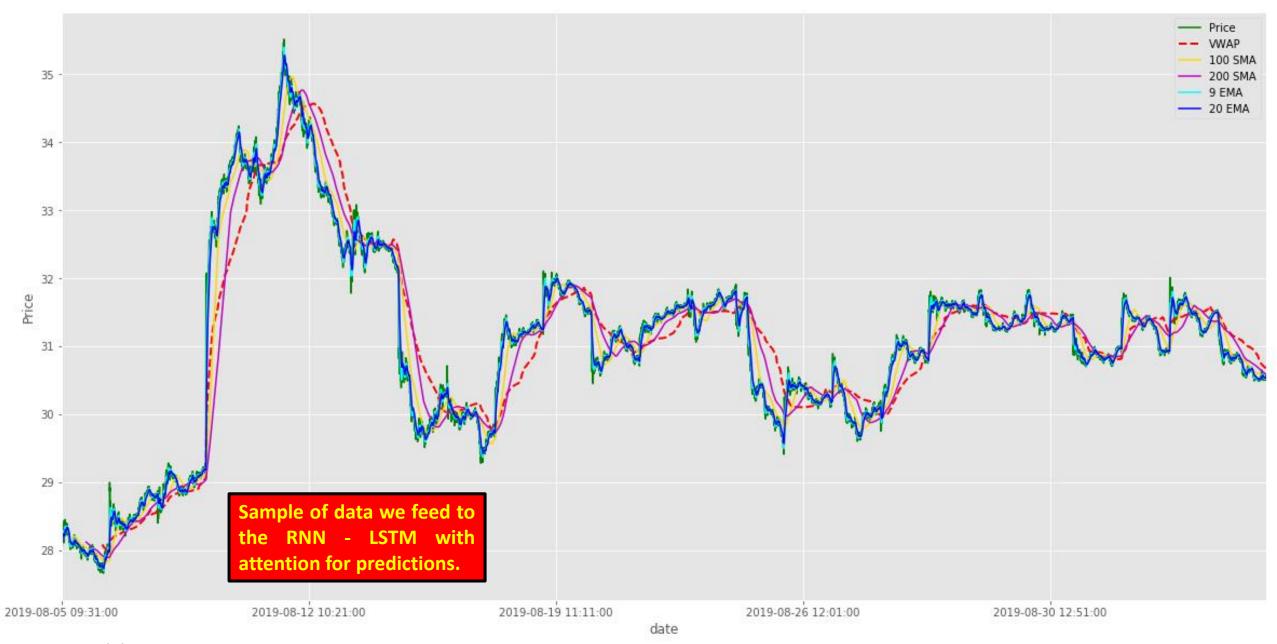
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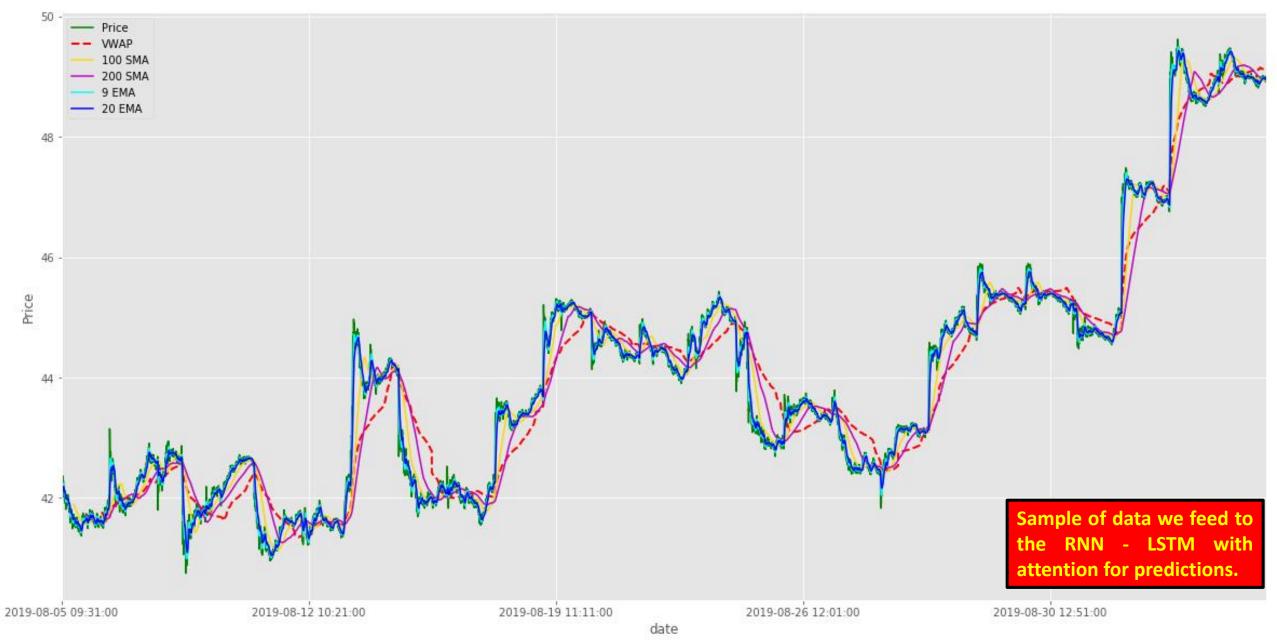
DIA



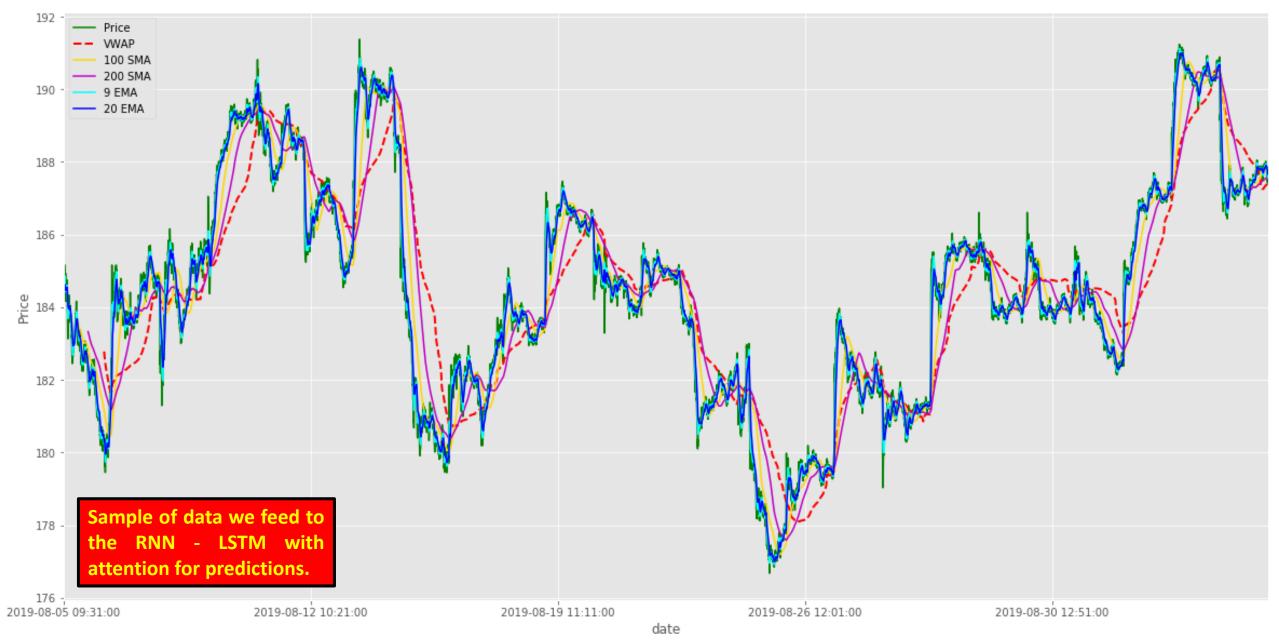
Stock Price - AMD



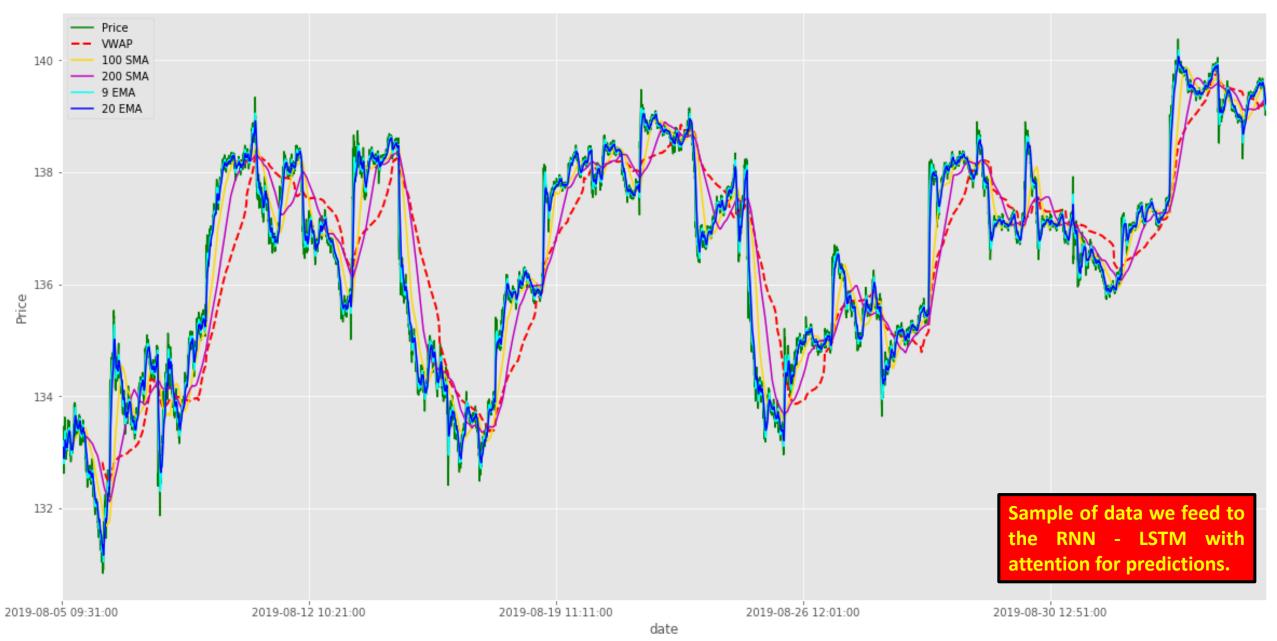
Stock Price - MU



Stock Price - FB



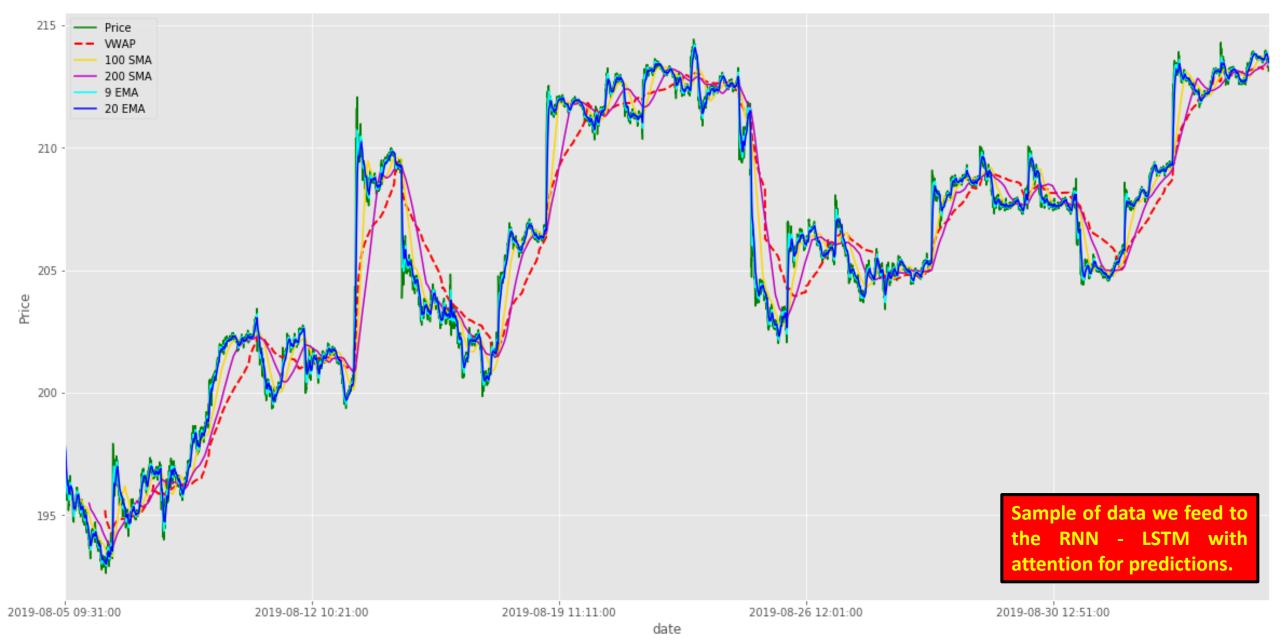
Stock Price - MSFT



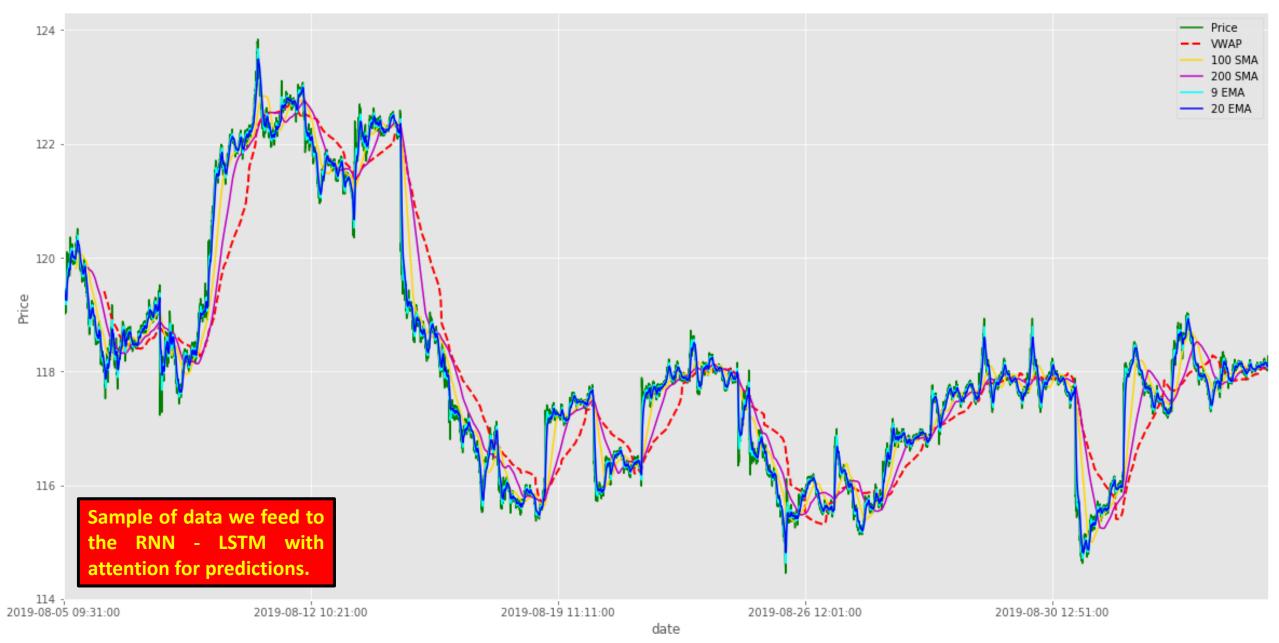
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11

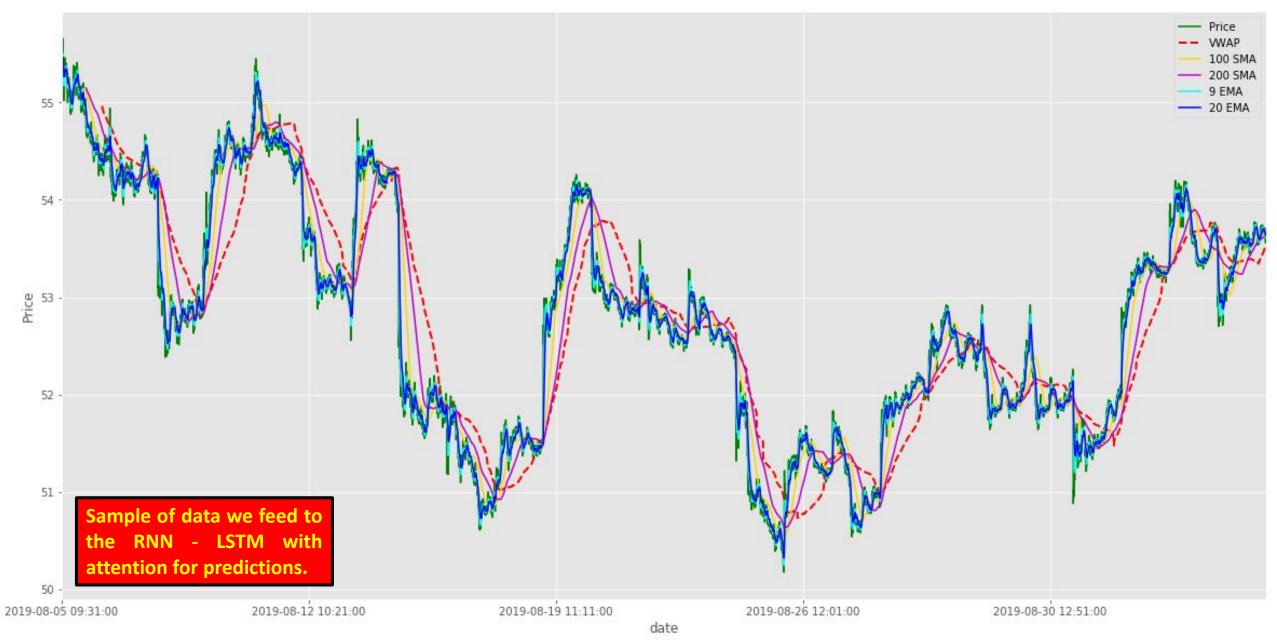
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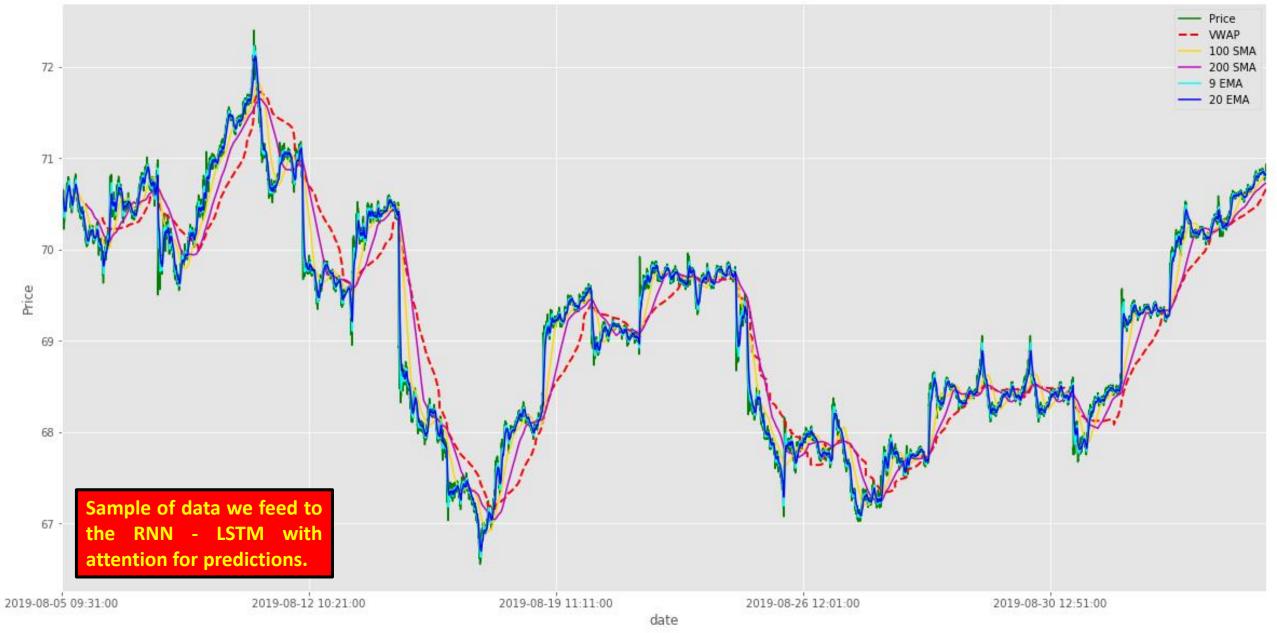
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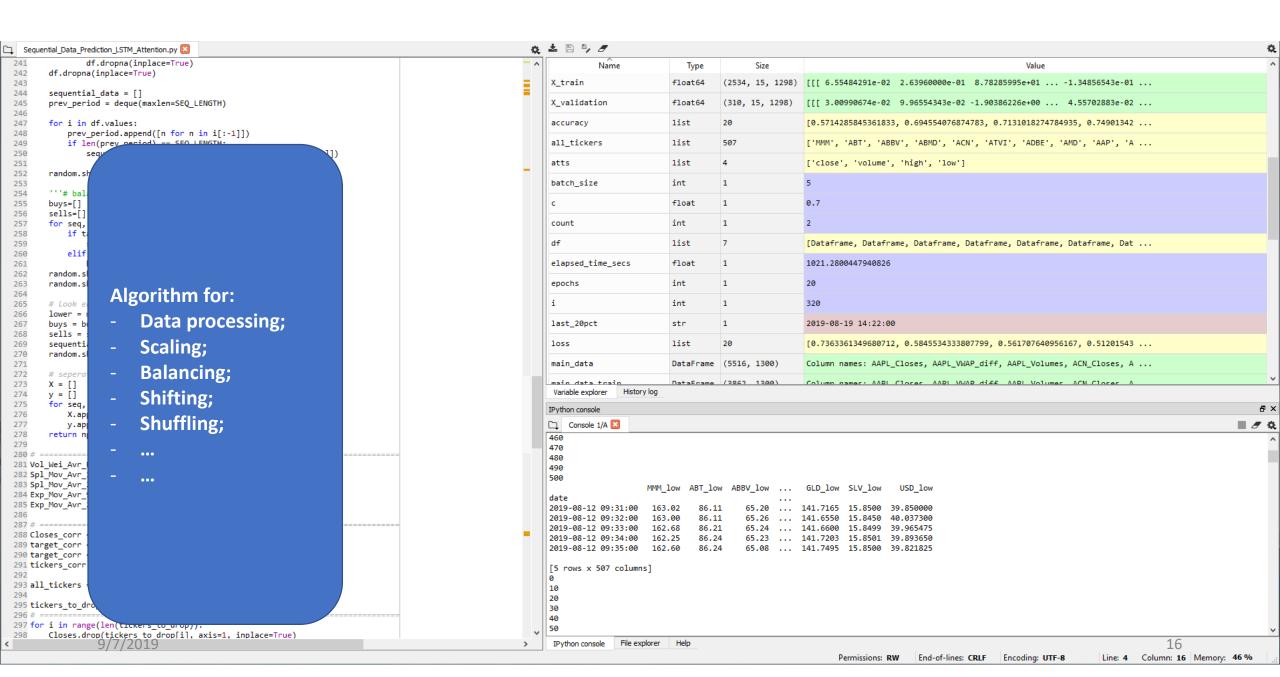
Stock Price - COP



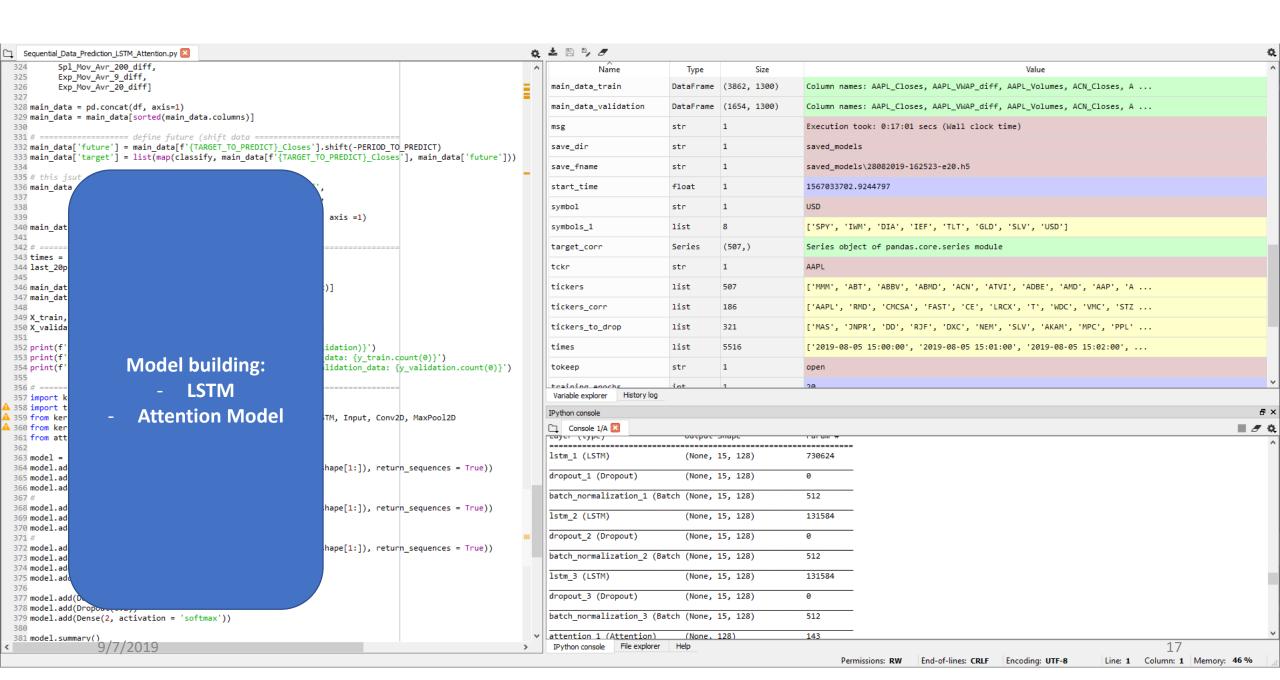
Stock Price - XOM



Algorithm Part 2: Data preprocessing



Algorithm Part 2: Model building



Algorithm Part 3: Running Model – preliminary results

