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

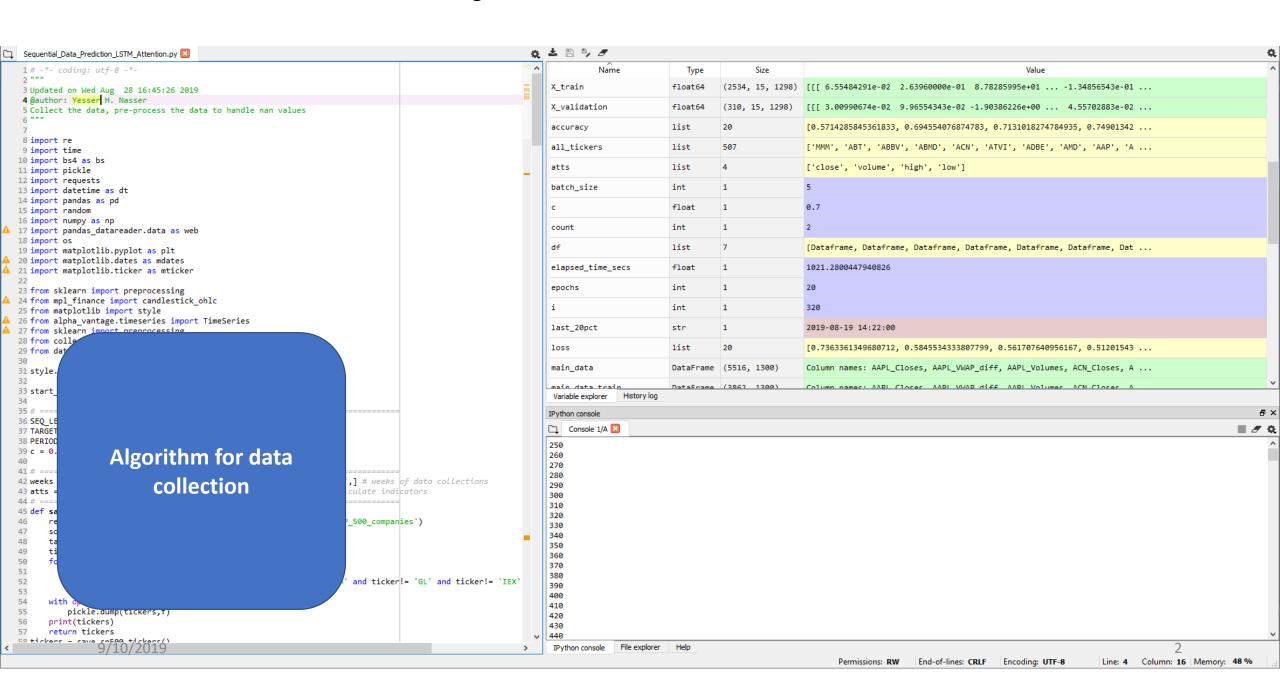
Ongoing Application: High Frequency Quant Trading strategies using machine learning.

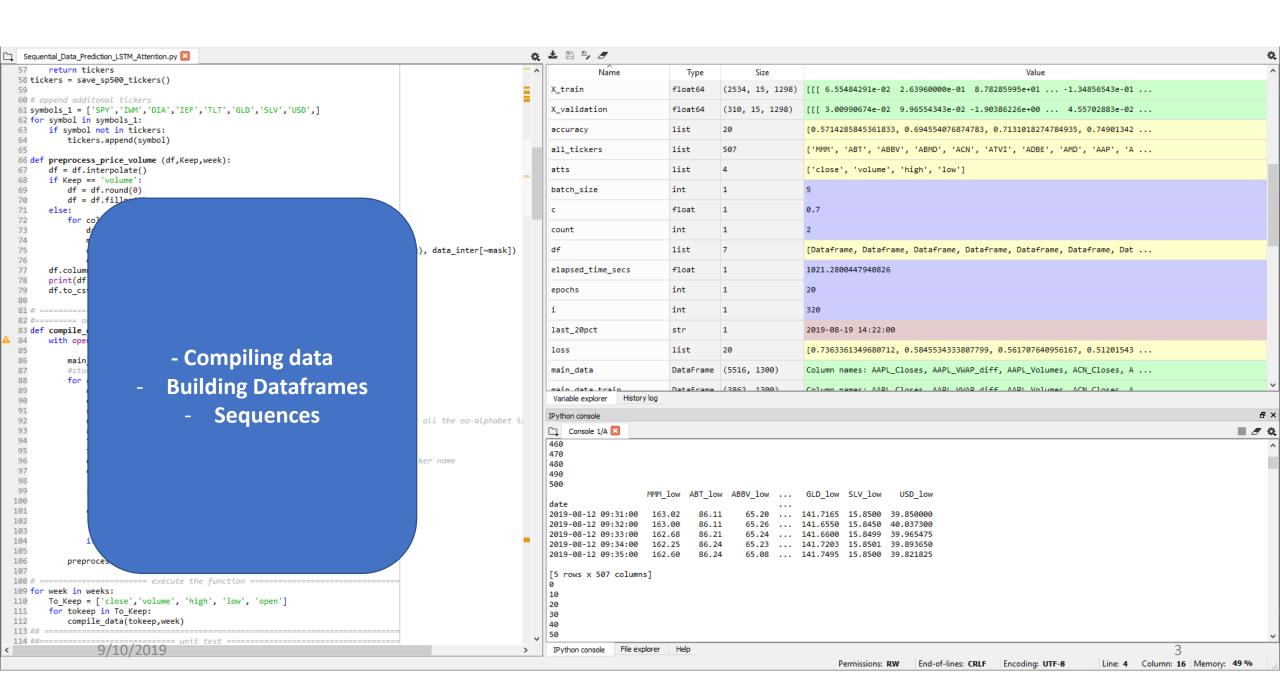
Author: Yesser Nasser, PhD

Quantitative Data Scientist – Machine Learning Engineer

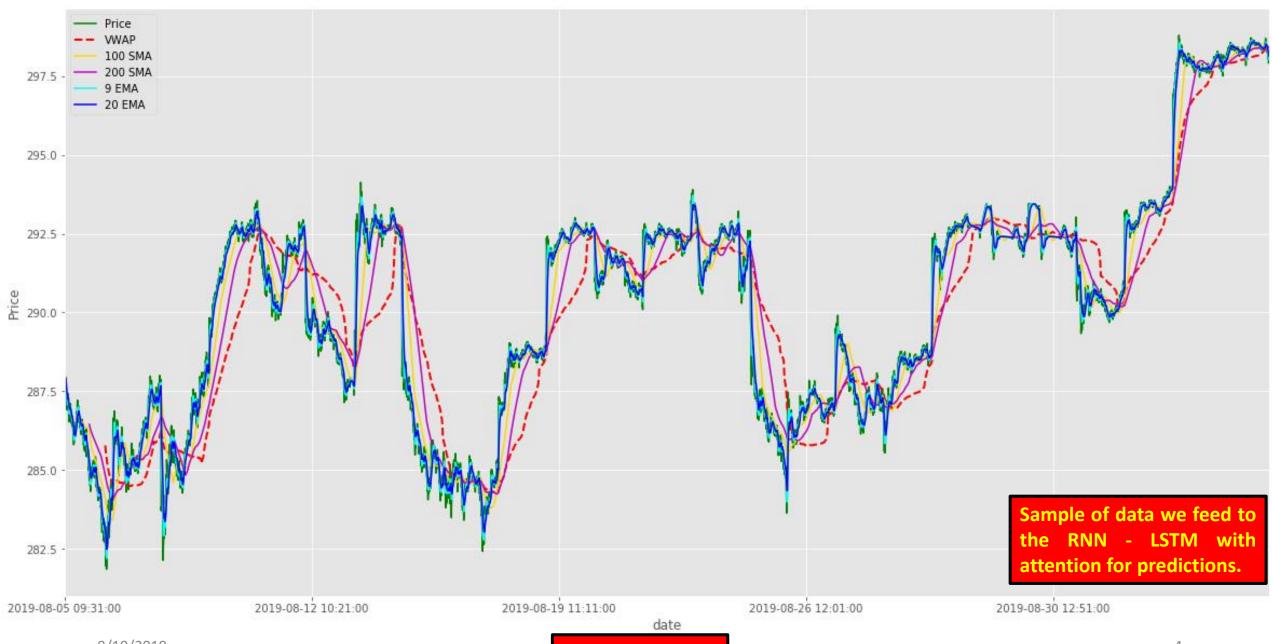
Yesser.Nasser@icloud.com

Algorithm Part 1: data collection





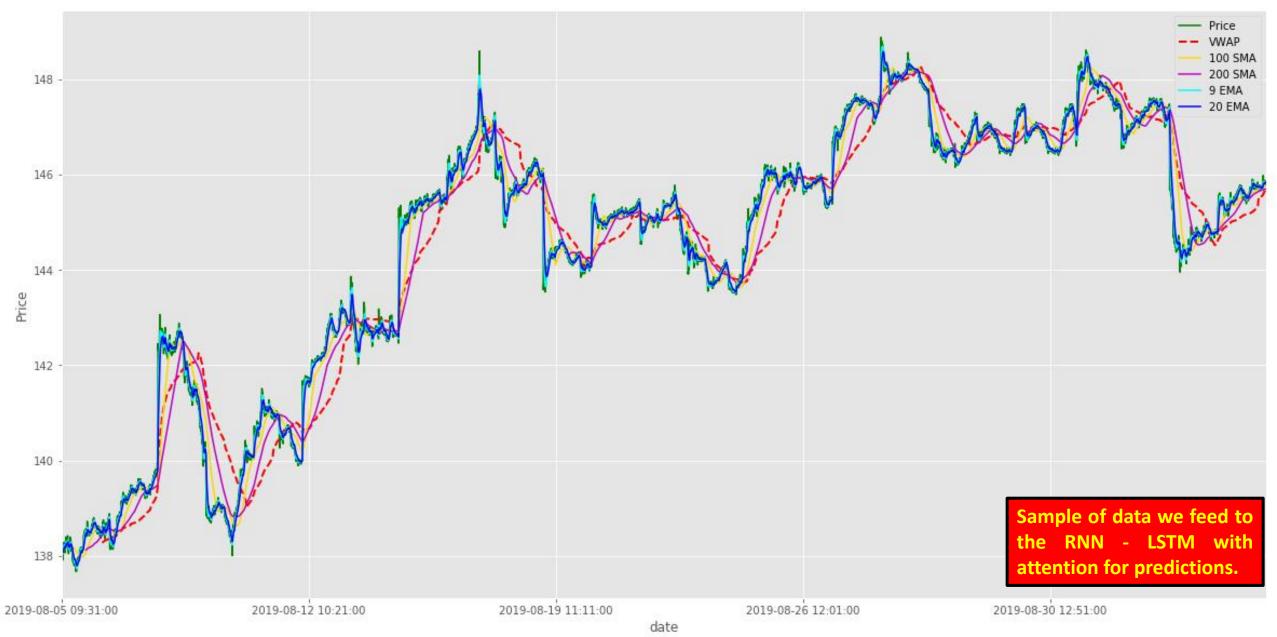
SPY



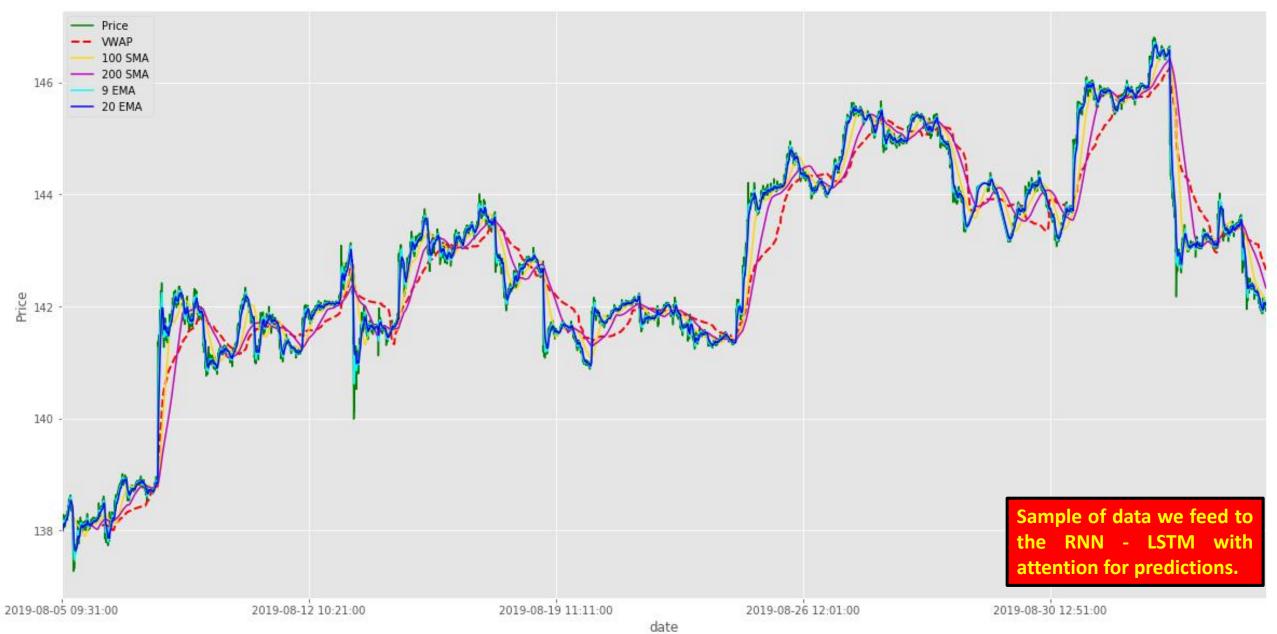
9/10/2019
N.B: Time frame: 1 min

Very resent data!

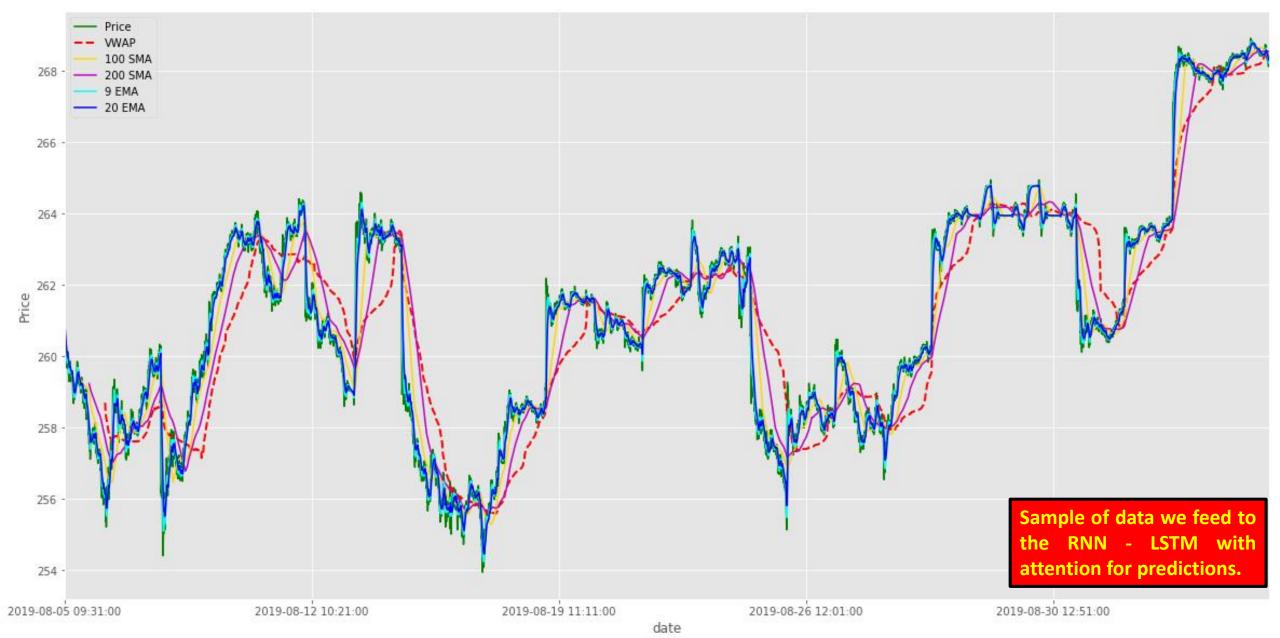
TLT



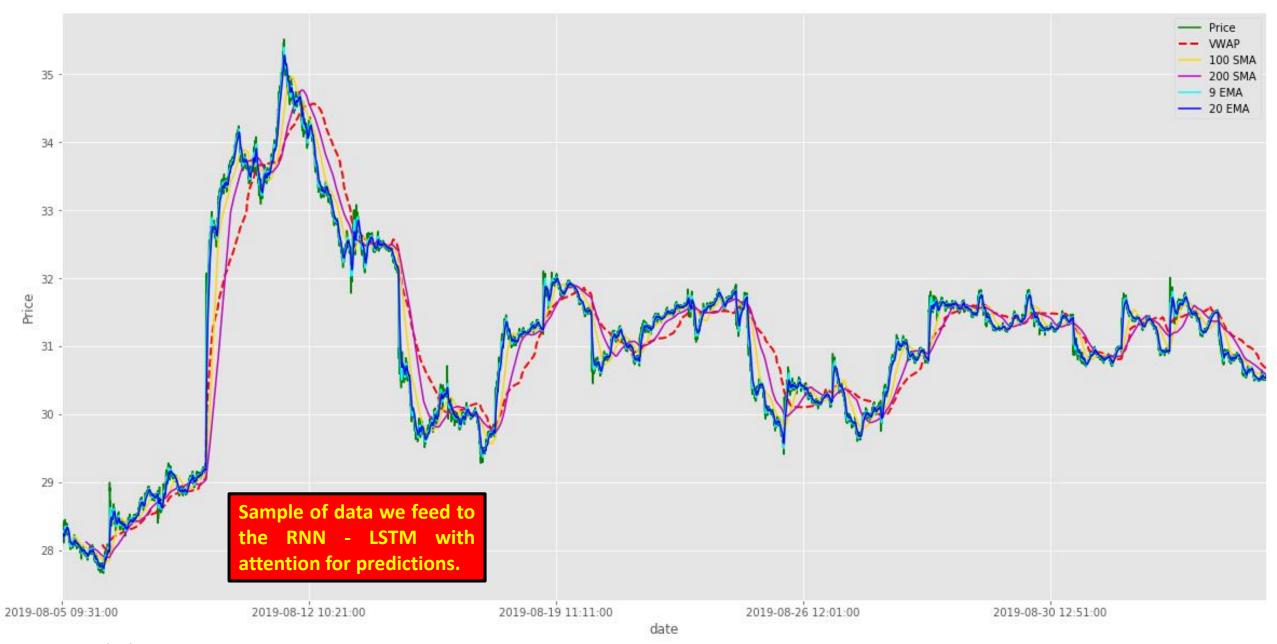
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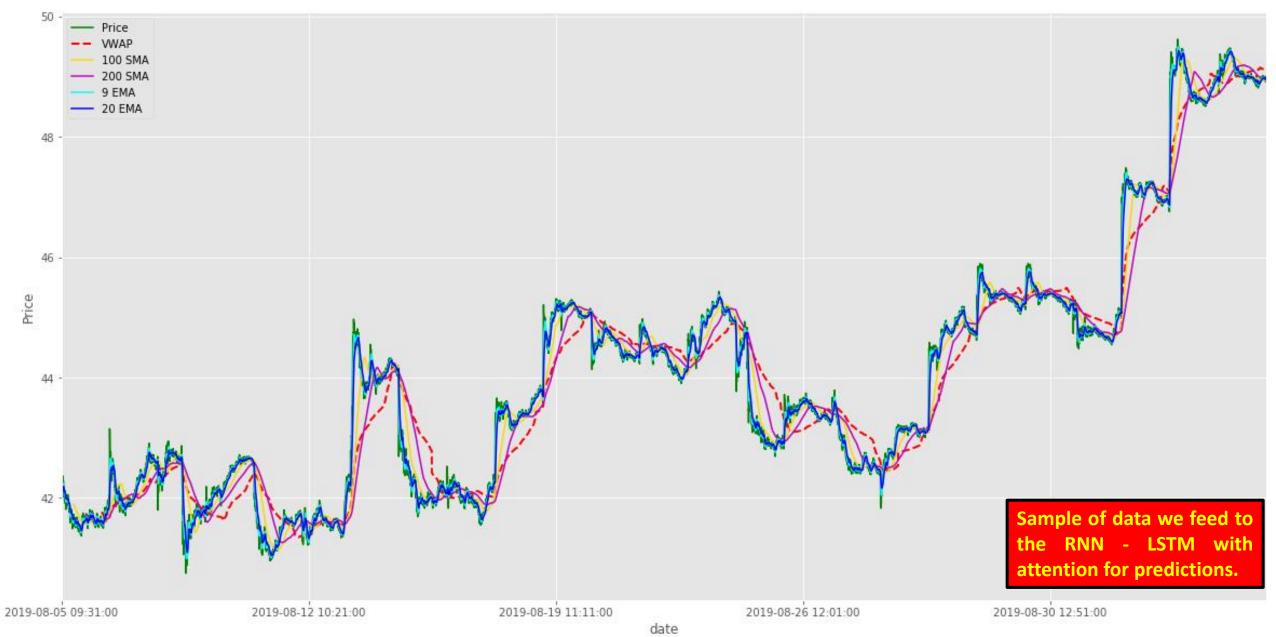
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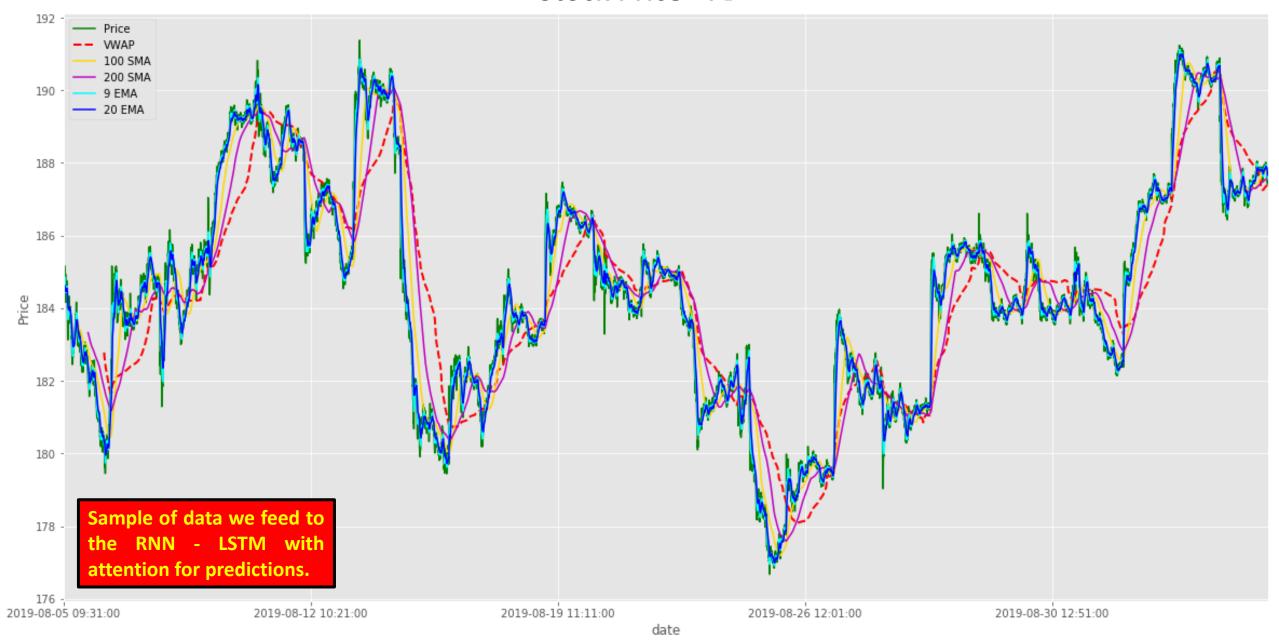
Stock Price - AMD



Stock Price - MU

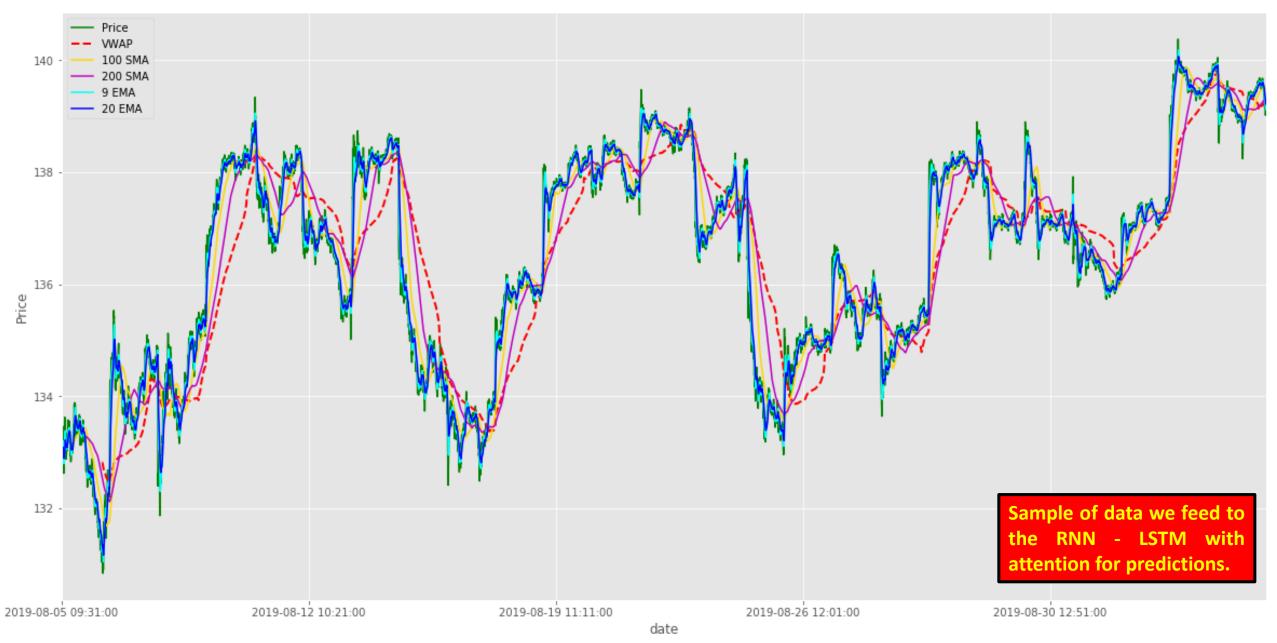


Stock Price - FB

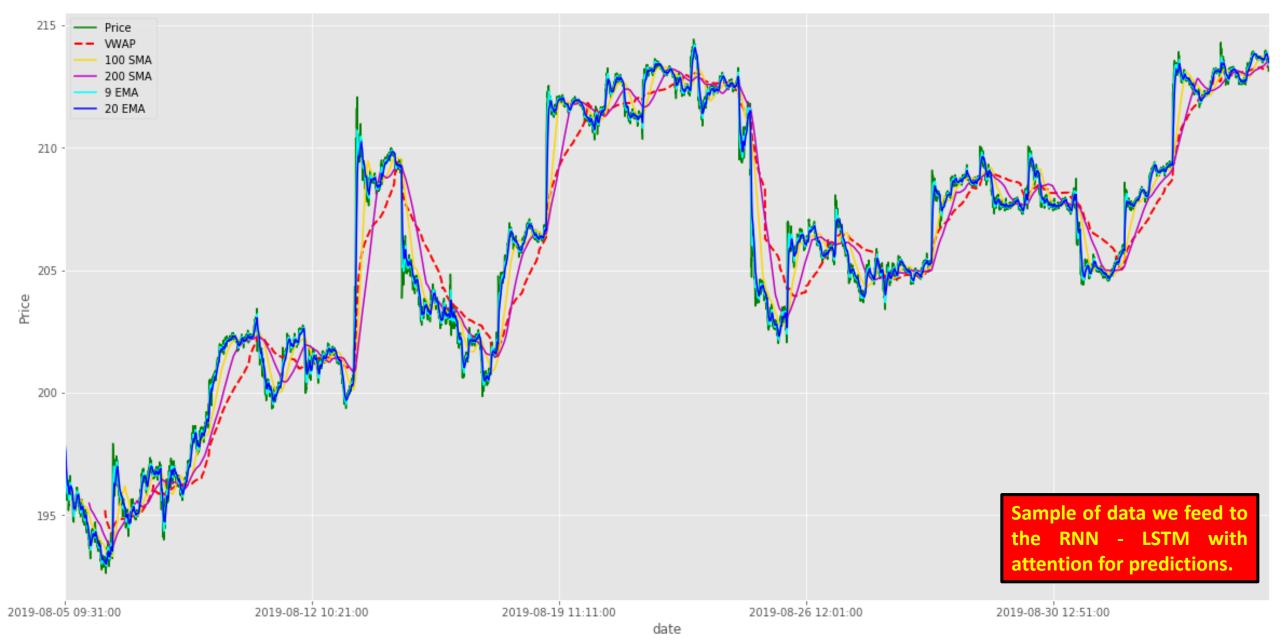


9/10/2019

Stock Price - MSFT



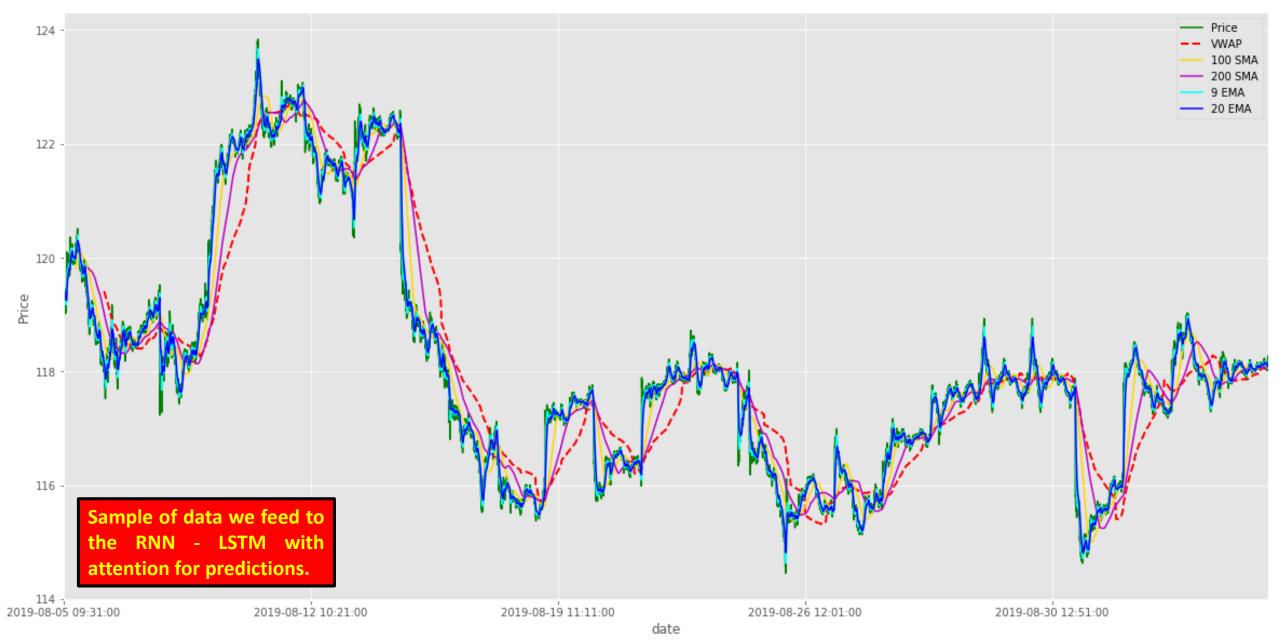
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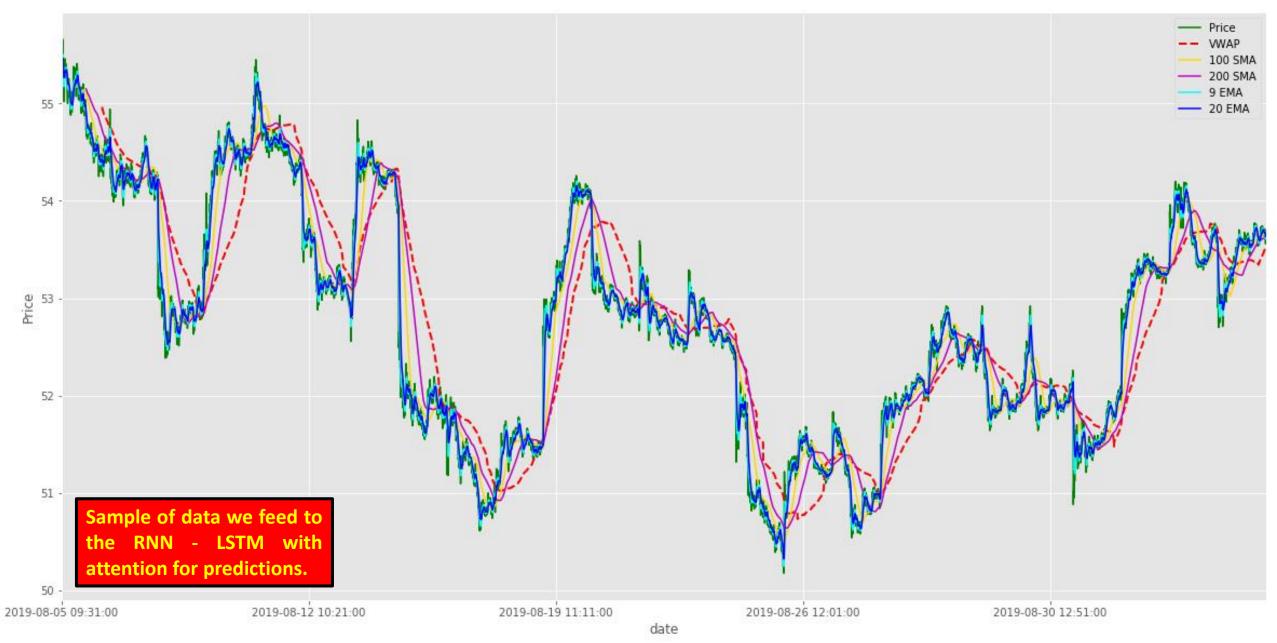
9/10/2019

N.B: Time frame: 1 min

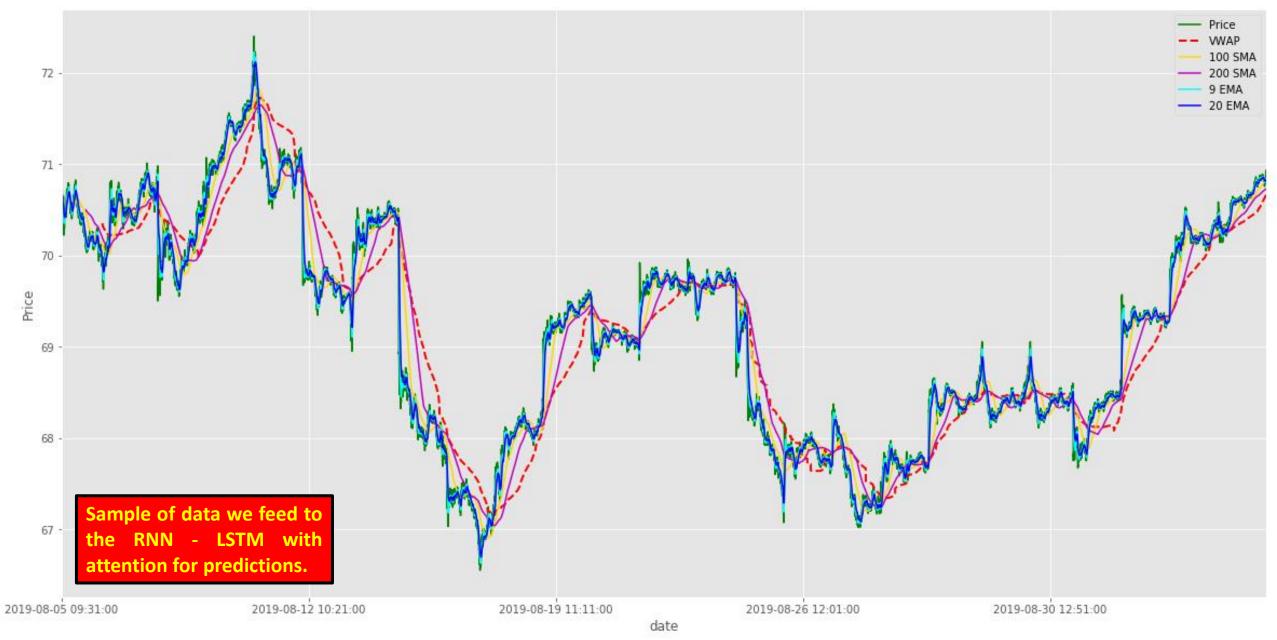
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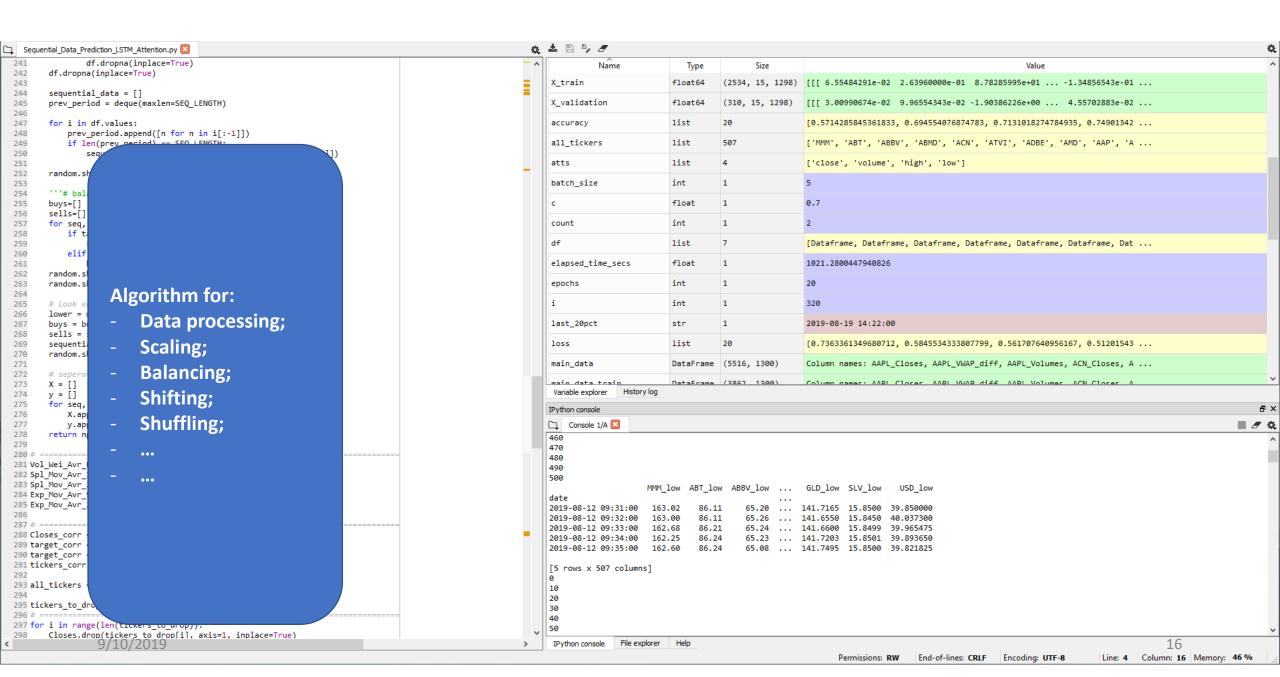
Stock Price - COP



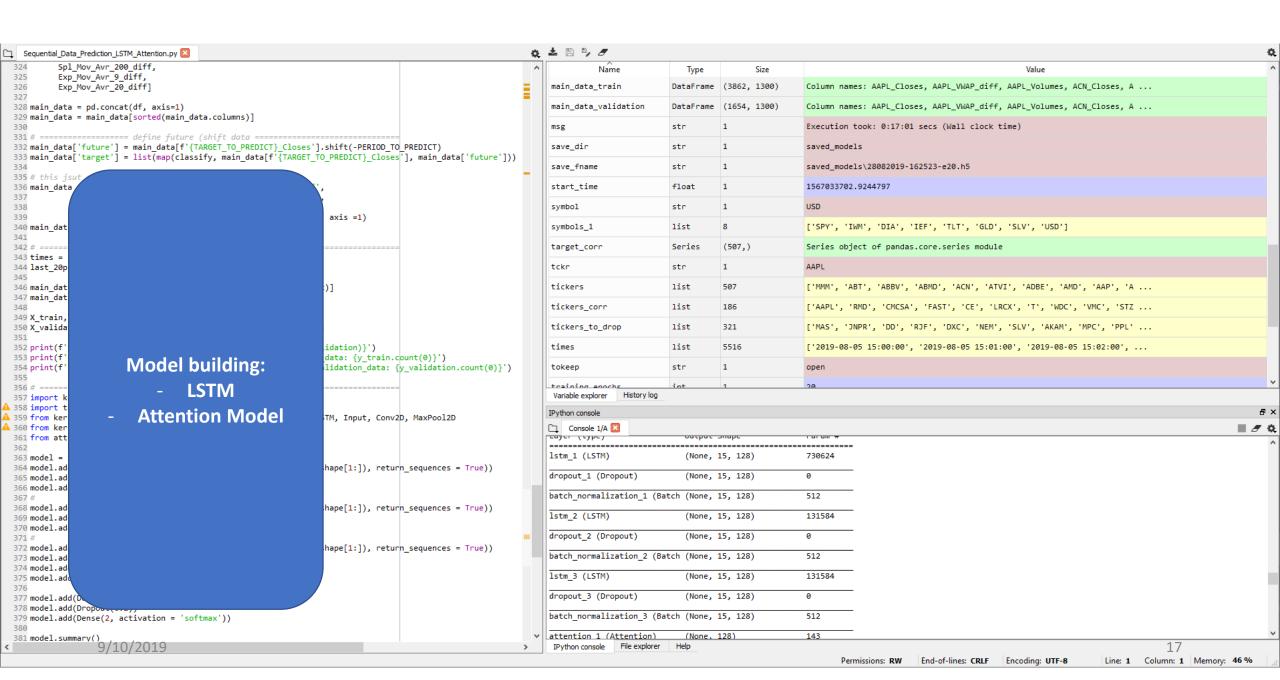
Stock Price - XOM



Algorithm Part 2: Data preprocessing



Algorithm Part 2: Model building



Algorithm Part 3: Running Model – preliminary results

