

KNN Live¹
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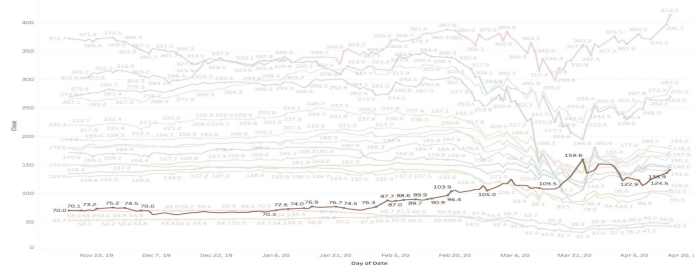
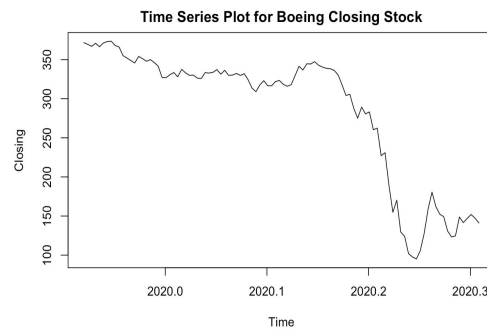
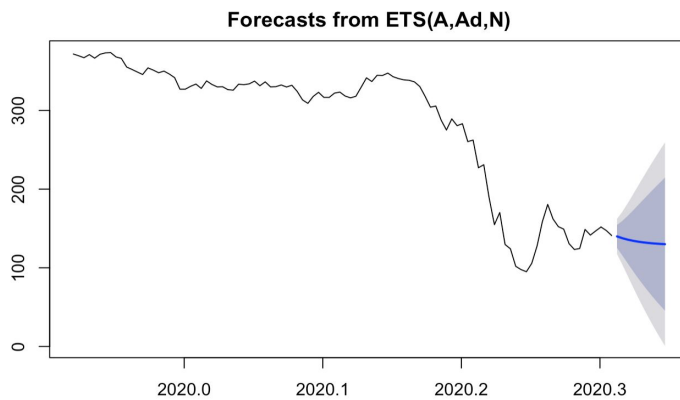
DataFest 2020: Covid-19

Covid-19 is a global pandemic that has devastated many businesses, communities and families. The magnitude of uncertainty revolving around this virus triggered drastic changes and precedent regulations and expectations. Many businesses in the same industry follow similar trends, illustrating chain reactions of the fallout. We looked at stock market data from November 15, 2019 to April 14th, 2020, and Zoom and Boeing are prime examples of opposing trends that are a byproduct of these new adjustments.

Because of the stay-at-home order, people started finding new ways to communicate electronically. This really launched Zoom's success. Zoom company reported that they had only 10 million daily meeting participants in December 2019. However, that number jumped to 300 million in March 2020, a 2900% increase in the span of 4 months.

On the other hand, travel restrictions crippled companies like Boeing. This is seen in the sharp decline of their closing stocks in the time series model. Furthermore, our forecasting model suggests this setback would be difficult to overcome and it would take a long time to recover.

However, we do have to consider that COVID-19 has not been resolved. We hope we are able to adapt and overcome this time of hardship together.



¹ <https://github.com/torusoidal/teamknnlive>