

Capstone Project 1 Ideas

1. One idea is observing and forecasting shortages and surpluses based on backorders at all stages of a supply chain. This would be relevant for all businesses involved with converting raw materials into final product goods and of utmost importance in times of economic crises like we're experiencing right now due to COVID-19. The data intended for use is publicly available on [Kaggle](#).
2. Another idea is performing trend analysis of income and education data to draw insights of clustered/segmented areas of growing/contracting economic inequality. This would be an expansion on the [Super Zips application](#) and the data currently being used is publicly available from the U.S. Census Bureau. This would be significant for the government as a basis for implementing public policy.
3. Lastly, time series trend analysis and price forecasting of the major market indexes such as the NASDAQ/NYSE Composites, S&P 500, and Dow Jones is notably pertinent for everyone concerned with the economy. This would provide financial planning insight for everyone living in the US. [Stock Market](#) and [Daily News](#) data are publicly available for use on Kaggle.