**Objective**

Due to Covid 19 there’s been a great uncertainty in the world economy that’s affecting the daily lives of people around the world. One of the key markets impacted is the real estate market both globally and in the US. This project will focus on the US real estate market to determine what the new Normal will look like and we will provide guidance to buyers and sellers based on our modeling and findings.

According to our preliminary research, the key factors that can and will impact the real estate market in the future are

Impacts of working from home and Impact of office closures in big metro areas like DFW.

**We will look to use**

Realtime Real estate pricing and listing and general trends in value / sqft from online aggregators like Zillow and redfin.com

Census Data from United States Census Bureau.

Financial data from publicly traded companies from Bloomberg.com

Credit card data from Experian to understand consumer purchasing behavior.

Foot traffic and movement data from telecom companies.

And finally, the most important Covid 19 data from John Hopkins University.

For modeling we plan to do various time serious modeling focused around prices for both residential and commercial real estate. Leveraging this data, we will build models to forecast not only prices but also occupancy, stock prices based on location and seasonality.

The results of our modeling will provide guidance to real estate buyers, sellers and investors in the post Covid 19 world. The results may also provide future guidance to various government agencies to prepare for future pandemics and the impact on real estate.