**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.

**Key Factors**

Impact of working from home on real estate investment trusts both in terms of revenue and stock prices.

Impact of office closures in big metro areas which can lead to downward trends in the real estate market.

**Datasets**

Realtime Real estate prices and listing, General trends in value / sqft from Zillow, redfin and loopnet.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.

Covid 19 data from John Hopkins.

**Models**

**Time Series Modeling**

* Forecasted prices for residential and commercial real estate
* Forecasted occupancy for residential and commercial real estate
* Forecasted stock prices for REITS

**ANOVA/Observational Studies**

* Changes in consumer purchasing behavior pre/post COVID 19