

1. Parth Patel(leader)      Khushin Patel

2. We are going to explore the effects of astronomical events on the S&P500 Stock and a few other major aerospace companies that are listed on the NYSE. If we have more time we will also expand to companies that are outside of the NYSE in an effort to see if there are any correlations we can find.

Dataset on solar flares

<https://www.kaggle.com/datasets/heliodata/instruments-solarflares>

Dataset on S&P data

<https://www.kaggle.com/datasets/camnugent/sandp500>

Dataset on Boeing

<https://www.nasdaq.com/market-activity/stocks/ba/historical>

Dataset on Lockheed Martin

<https://www.nasdaq.com/market-activity/stocks/lmt/historical>

Datasets on Solar Eclipses

<https://www.kaggle.com/datasets/nasa/solar-eclipses>

Lunar Cycle datasets(Only gonna select a few years)

<https://www.kaggle.com/datasets/lisind18/full-moon-calendar-1900-2050>