**Proposal:**

Provide historical data from 2015 for cancelled flights in the New York city area. This will be combined with historical weather data. They will be joined based on the lat/long of each airport. This will allow the user to access the database, pull the airport code and see if it was based on weather and what type of weather.

**Extract:**

2 Pulls

https://www.kaggle.com/usdot/flight-delays?select=flights.csv

Kaggle for the flight delays and cancellations for 2015

World weather online for historical weather for 2015 – free for 60 days with 500 pull requests per day

**Transform:**

CSV files to be placed in pandas

New tables/data frames to be created and merged with new column names

**Load:**

Load new tables into Mongo or PG Admin