Big Data Project

From 10th August to 21st August, I worked about 30 hours a week on National Weather Service Data and the task was to answer the questions on storm events that are predominant in different states and reasons for it.

Step1: Downloaded the file from the website: <https://www.ncdc.noaa.gov/stormevents/>

Step2: Data Ingestion, extracted data from gz compressed to csv format

Step3: Data Preprocessing, to store the data in MongoDB convert csv to JSON

Step4: Data Storage, Stored data in MongoDB

Step5: Data Analyses

Step6: Data Vizualization : produced tableau maps for events that has occurred maximum number of times in different states between 2010-2018

Provided the visualization maps to inform maximum deaths(direct or indirect) causing events by state between 2010-2018

The complete project with SQL codes and Tableau maps is available on https://github.com/mraunak/Research-Assistant-Work-/blob/main/BigData\_Project.pdf





