Capstone Project Proposals

Proposal 1

Investigating the correlation between mega storms occurences and the rise in water surface temperature.

Datasets:

- NCDC Storm Events Database
    - http://catalog.data.gov/dataset/ncdc-storm-events-database
- NOAA Climate Data Record of Sea Surface Temperature
    - http://catalog.data.gov/dataset/noaa-climate-data-record-cdr-of-sea-surface-temperature-whoi-version-1-0

Proposal 2

Investigating the effect of social media on SAT results in NYC

Datasets:

- NYC social media usage
    - http://catalog.data.gov/dataset/nyc-social-media-usage-555a2
- SAT results in 2010/2012
    - http://catalog.data.gov/dataset/sat-college-board-2010-school-level-results-5c6d6
    - http://catalog.data.gov/dataset/sat-results-e88d7

Proposal 3

Kaggle Competition: Predict where a new guest will book thie first holiday experience on Airbnb

https://www.kaggle.com/c/airbnb-recruiting-new-user-bookings

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