

FINAL ASSIGNMENT PROPOSAL

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DATA SOURCES:

Japan's Earthquakes on March, 11th 2011

Solar System and Earthquakes <<https://www.kaggle.com>>

QUESTIONS:

- 1.What is the relationship between the number and magnitudes of earthquakes . And the different rate of the Eaerth Plate tectonics,especially the highest rate shown in this area.
- 2.Wether the earthquakes in this area has the circle? And wether the periods length to astronomic objects will inflence the earthquakes?
- 3.What are the correlations between earthquake and the rectascension of Sun and Moon longitude? Or not existent?
- 4.Can we anlysis the period of different type of earthquakes from the view of sun and moon.
- 5.When did the main shock happened? And what about a succession of attershocks happened?And how long did them last for?
- 6.Can we track the positions of the aftershocks and time ?
- 7.What are the correlations between Solar/Lunar eclipse and Earthquake occurrences?

PYTHON LIBRARIES USED:

- 1.Pandas
- 2.Numpy
- 3.Matplotlib
- 4.Seaborn
- 5.Bokeh
- 6.Basemap
- 7.Geoplotlib
- 8.Missingno

THE TYPE OF VISUALIZATION:

- 1.Map
- 2.Graphs

