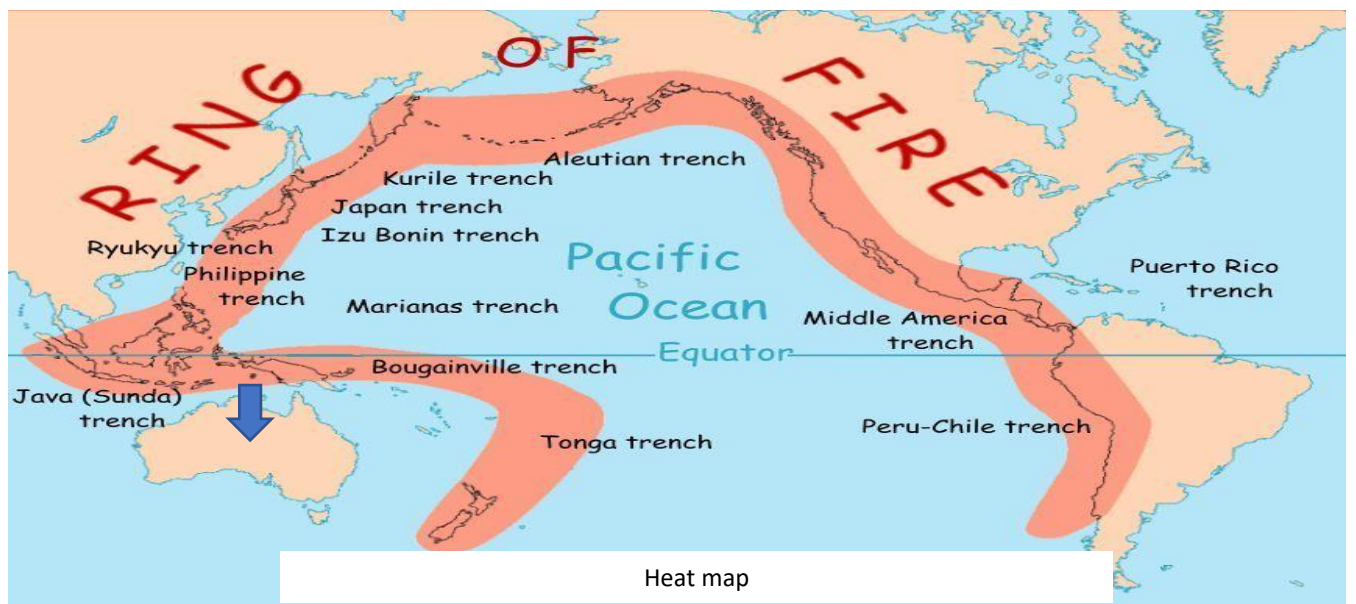# Did you fill it?

Pick a country:

Heat map

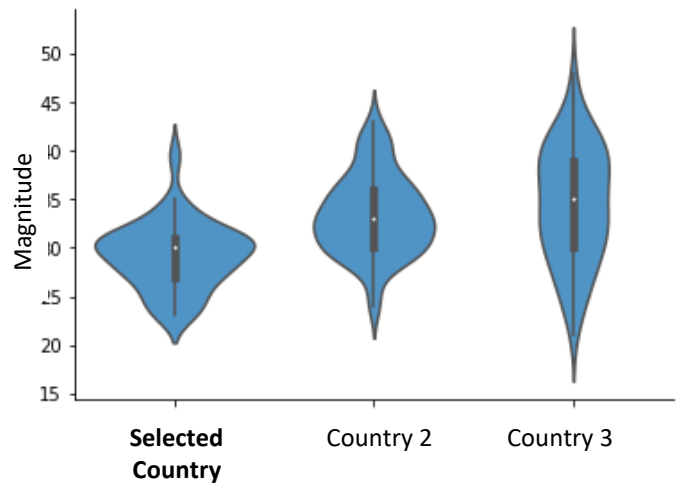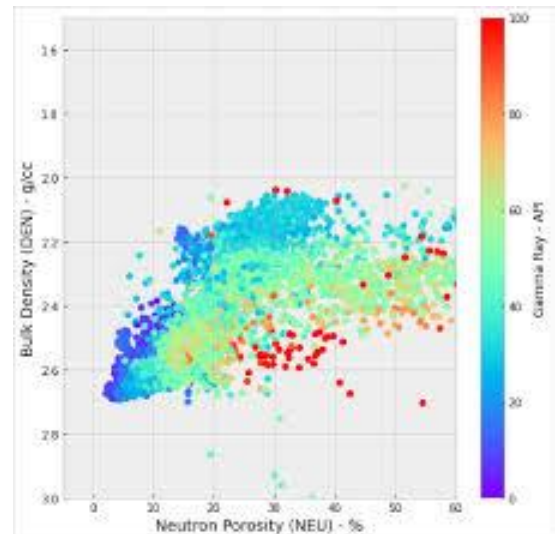Selected Country
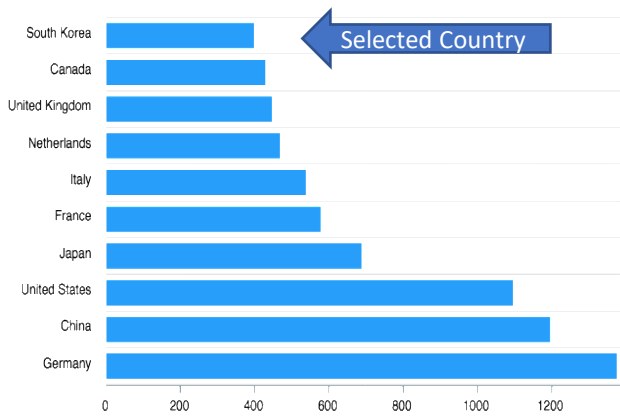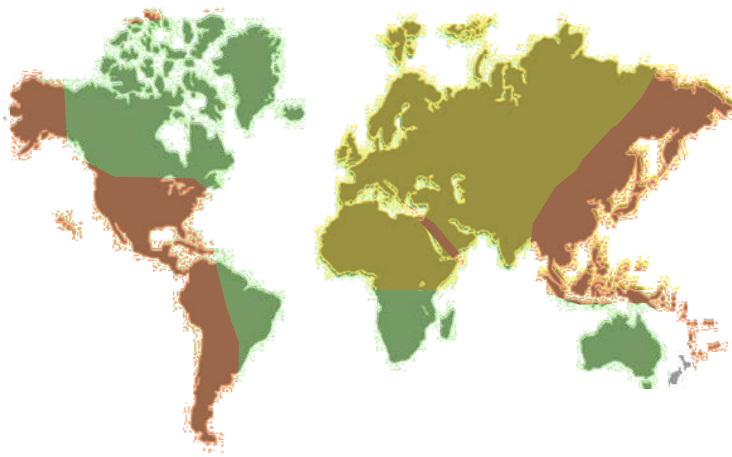
Number of earthquakes in a particular year/range of years?
[Country (string) vs Number of earthquakes (integer)]

Selected Country   Country 2   Country 3
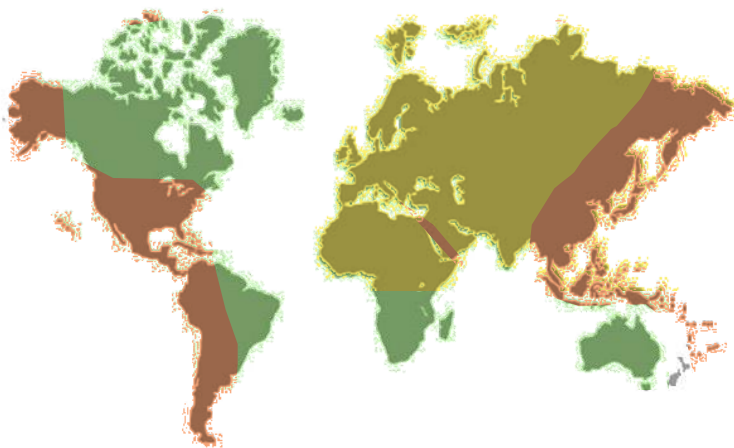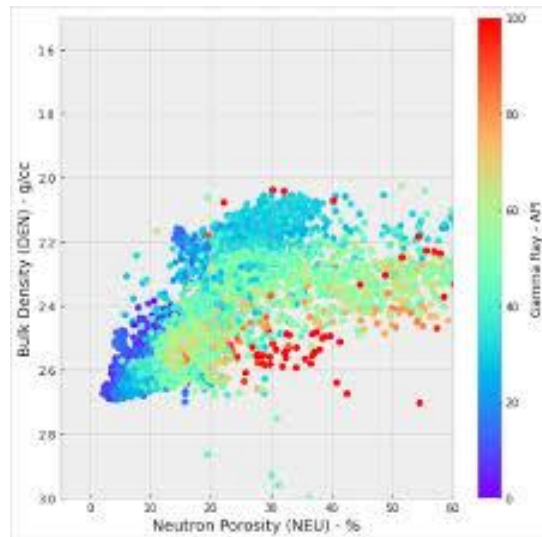

Risk map

Cross plots to demonstrate that earthquakes can´t be predicted
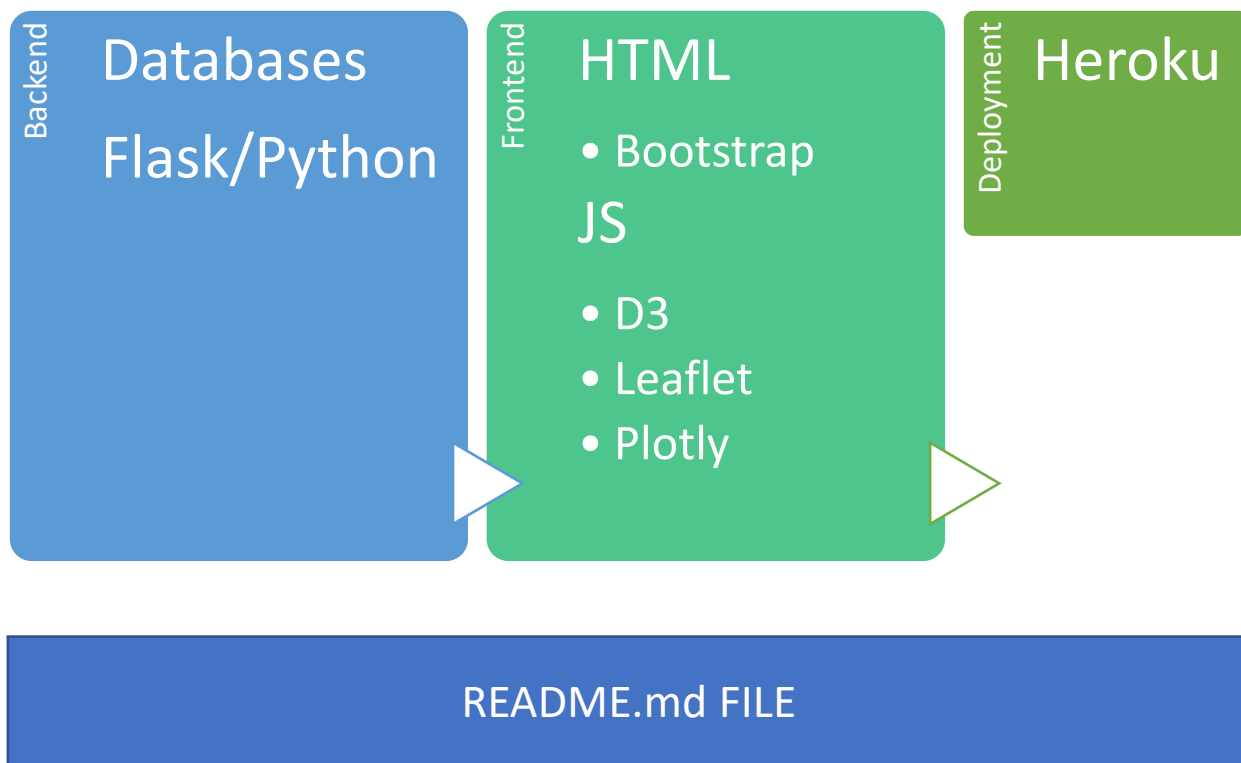
Risk map

Risk assessment:
- Population
- Low, High, Medium income
- Seismic activity (magnitude and/or frequency?)

- 3 risk levels:
- Risk 1: High
- Risk 2: Medium
- Risk 3: Low

Cross plots to demonstrate that earthquakes
can´t be predicted

- Magnitude vs Month
- Magnitude vs Lat
- Magnitude vs Lon
- (?)

Backend

Databases
Flask/Python

Frontend

HTML

- Bootstrap

JS

- D3
- Leaflet
- Plotly

Deployment

Heroku

README.md FILE

Git Hub

Main	html	html, css, bootstrap
	js	leaflet, d3, plotly
	python	flask
	database	SQL, noSQL?
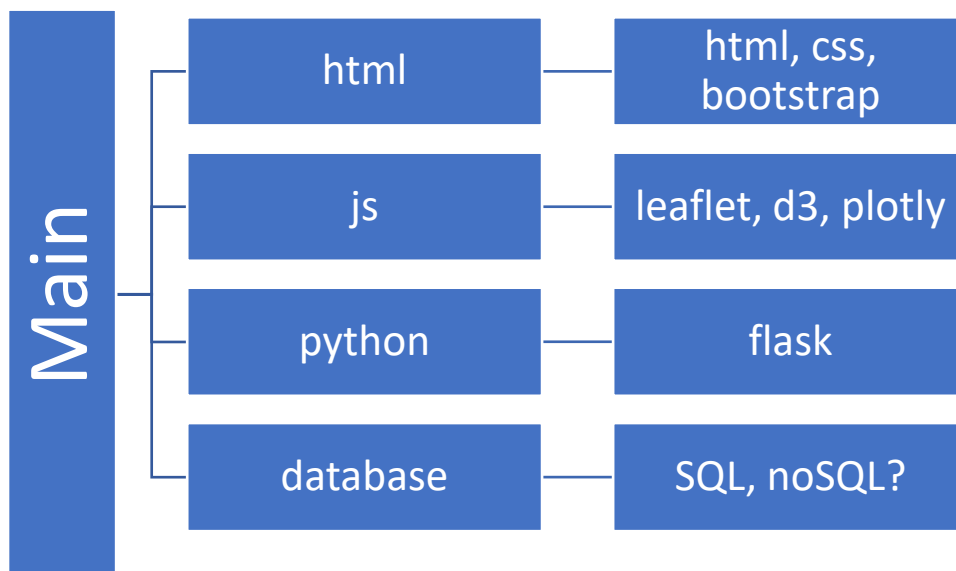
EARTHQUAKES
Earthquake_id [PK]
Magnitude
Date
Latitude
Longitude

COUNTRY
Population
Income
Country name [PK]

Databases

- http://ds.iris.edu/seismon/index.phtml
- https://www.usgs.gov/programs/earthquake-hazards/earthquakes
- https://www.bosai.go.jp/e/
- https://www.hinet.bosai.go.jp/
- https://www.kaggle.com/usgs/earthquake-database
- https://github.com/che0/countries
- DB population
- DB country income

- If it's geojson leave it. If it's csv push to a db.

Considerations

- Split activities based on preferences/expertise?
- DB: Define tables
- Drop down menus? How interactive?