Earthquakes that are not earthquakes

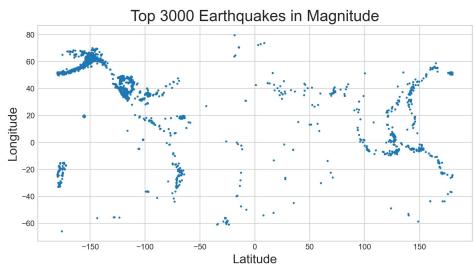
By Jake Hurley

Itinerary

- What are earthquakes?
- Earthquake data
- Findings

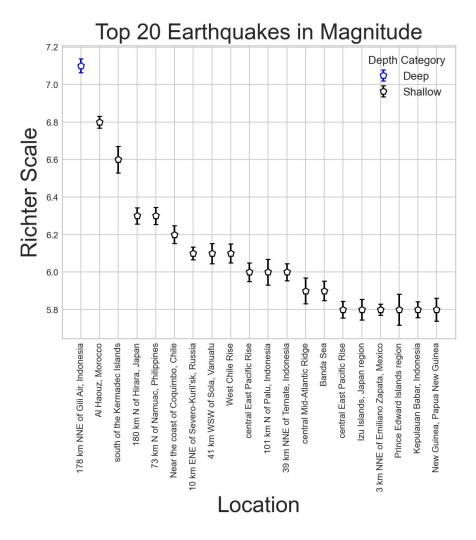
What makes an earthquake?

- Sudden releases of energy in the Earth's crust, leading to seismic waves
 - Primarily caused by tectonic plate movement
 - Others included volcanic activity and human induced activities
- Magnitude of earthquake is measured on the Richter scale



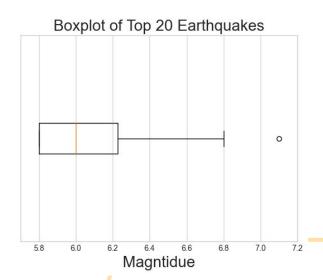
Understanding the data set

- All recorded earthquakes from the last 30 days
- Key data
 - Magnitude
 - Magnitude error
 - Depth
 - Earthquake Type

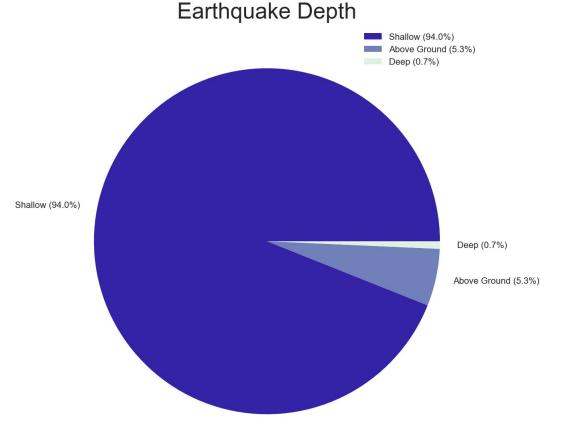


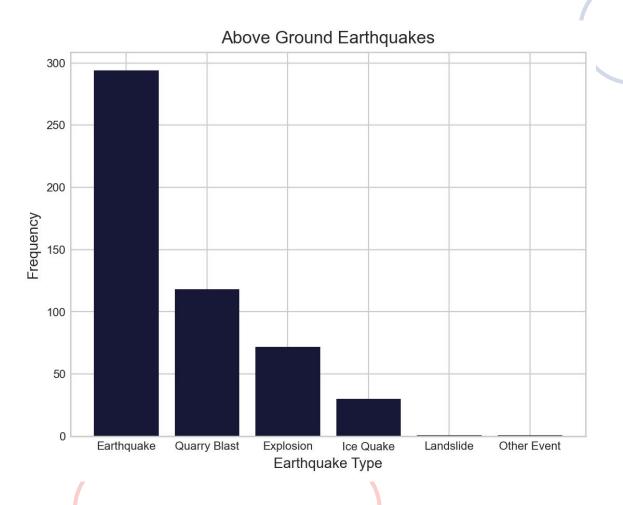
Biggest earthquakes

- Above ground < Om
- Shallow < 300m
- Deep > 300m



How deep are they happening?

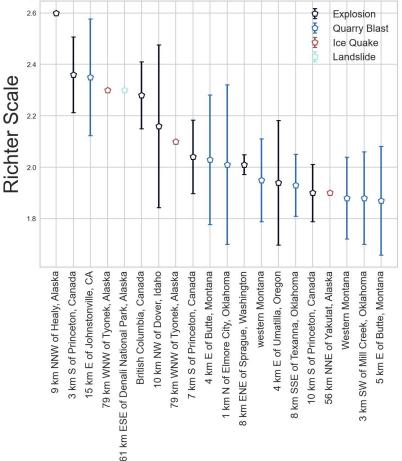




Above ground

Earthquakes that are not earthquakes





Places

Takeaways

- Over 2% of recorded earthquakes come from human activity
- All took place in North America
- Magnitude considered small or very small