Coding Camp Implementation Plan for Teacher Hat work

Oklahoma Earthquakes : very much in progress

Learning Objectives:

- 1. learn how to upload csv data to CoLab
- 2. learn how to plot csv data in CoLab

Time:

Approximately one hour

Students will plot data from:

https://www.ou.edu/ogs/research/earthquakes/catalogs https://www.ou.edu/ogs/data/fault

I want this to be a very basic introduction to what CoLabs can do. A map of Oklahoma will be pre-setup. The only thing I would like the students to do is bring in the data and plot the data on the map.

- 1. Make a map of Oklahoma earthquakes as they progressed over time
- 2. Overlay fault lines
- 3. Overlay oil and gas wells
- 4.)verlay injection wells