

Group #3: Lori, Leanne, Rob, Justin, Hannah

Proposal/Theme:

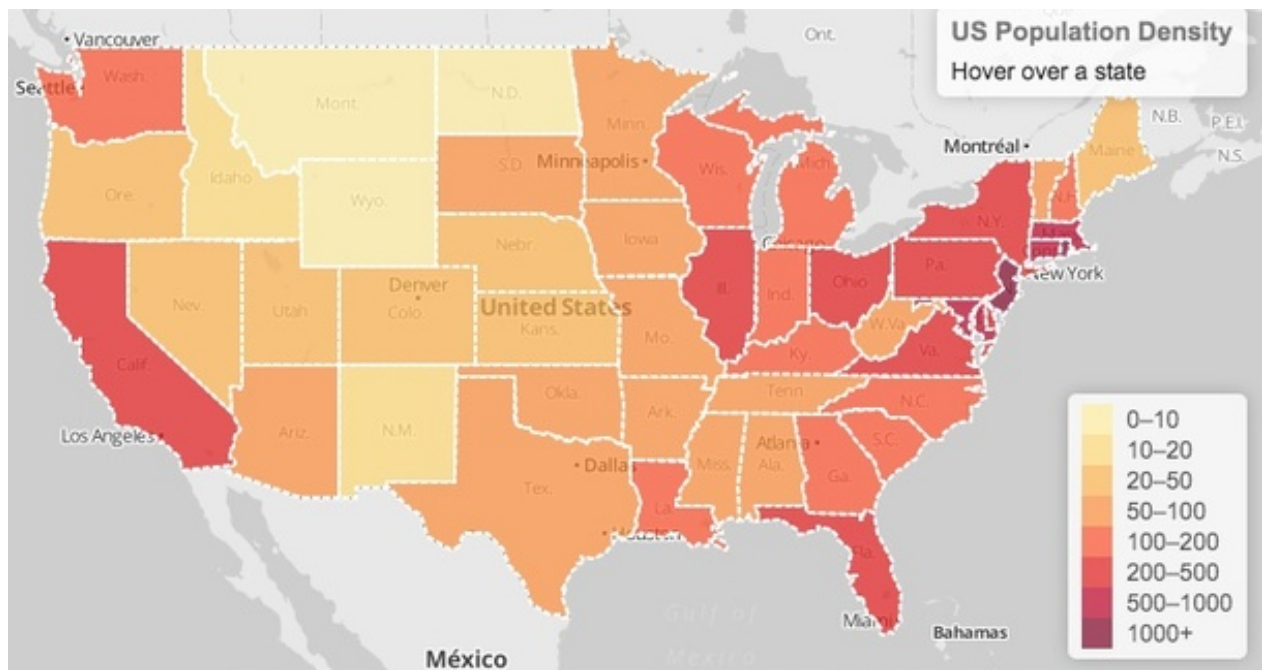
We are creating an interactive dashboard to show trends in data science employment, using data from the Bureau of Labor Statistics.

Project 2 Repo Link: <https://github.com/hannaholson/Project2.git>

Tools: Jupyter Notebook for Python/Flask, HTML/CSS, JS; then load to SQL database

Visualizations:

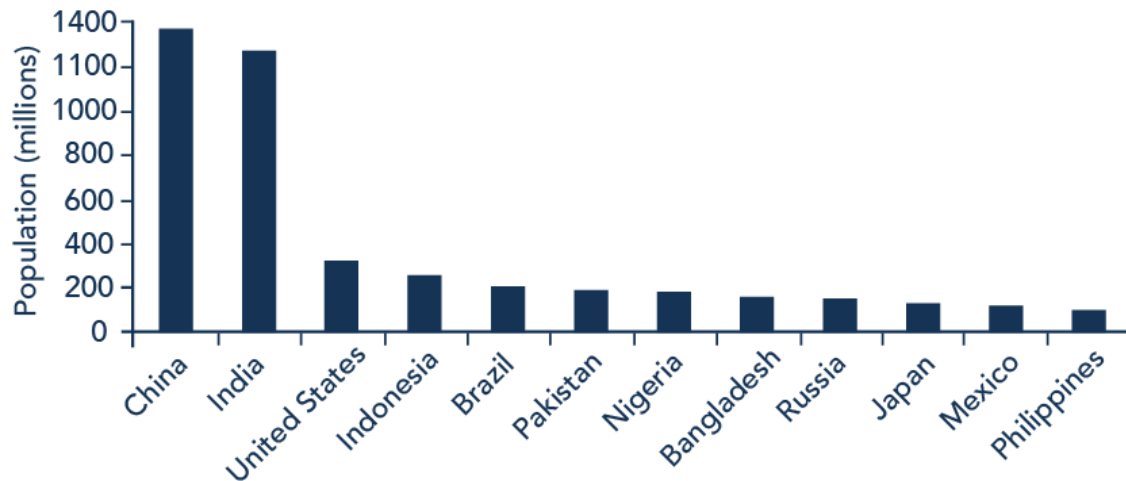
- Choropleth:
 - Data Source:
 - <https://www.bls.gov/oes/current/oes151245.htm>
 - Showing statistics over national map, divided by state
 - Statistic shown changes with user input:
 - Drop down menu
 - Based on job occupation code
 - Statistics shown:
 - Wage comparison
 - Number of data science jobs
 - 3rd view?*



Ex: Choropleth

Potential Additional Visualizations (Time Permitting):

- Bar graph:
 - Data Source:
 - <https://www.bls.gov/oes/current/oes151245.htm>
 - Statistic shown changes with user input:
 - Additional drop down for static images?*
 - Statistics Shown:
 - Industries employing the highest concentration of data scientists
 - Industries paying the highest wages to data scientists
 - Differences in wages between males and females in data science
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Ex: Bar Graph
