**Project Name:** Regional Data Job Market Visualization

**Project Team:** Beth Hakamy, CorrinePtacek, Lisa Weinstein, Manisha Shetti, Nish Trivedi

**Project Rationale:**

Our topic was chosen because we area all taking this Bootcamp to learn more about data science and eventually find jobs within various verticals that interest us.

**GitHub Repository:** https://github.com/mshetti25/Regional-Data-Job-Market-Visualization

We are using three datasets from [www.kaggle.com](http://www.kaggle.com).

**The datasets are listed below:**

<https://www.kaggle.com/andrewmvd/data-scientist-jobs>

<https://www.kaggle.com/andrewmvd/data-engineer-jobs>

<https://www.kaggle.com/andrewmvd/data-analyst-jobs>

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**Below are some ideas for our Visualization:**

Map

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 Basic Heat map with jobs listed by city

Map

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Maps with Key

Map

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Map

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**Segment/Views Ideas:**

Pin views by city with color coded jobs - Manisha

Pin view by industry - Cory Ptacek

Pin view by salary range - Beth Hakamy

Pin View by industry – Nish Trivedi

Cluster view by salary range Lisa Weinstein

Stacked bar chart with data science/engineer/analyst range of easy apply

Filtered search with a dashboard /data view

Pins to show where jobs are located

**Java Script new library:**  We will all work on a chart that makes sense with our segment/view idea and heat map with Google Charts

**Final Sketch:**

One Dashboard with multiple views of the data - goal

Or if cannot accomplish

Agreement on Table layer with multiple views showing the segment views listed above

DISCLAIMER: Based on what we discover, our scope may change.