Final Project Proposal

Paul de Fusco - DSE241 C3 - 2/2/2018

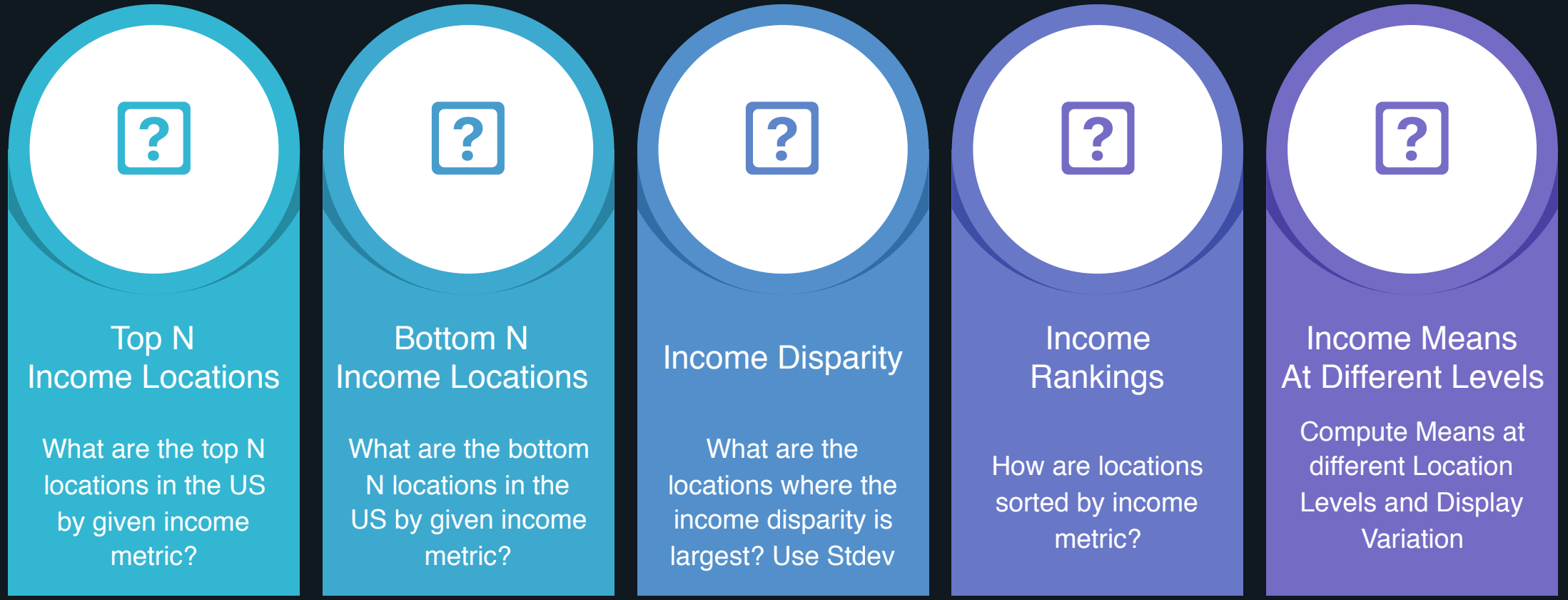
Agenda

1. Dataset Overview
2. Visualization Goals & Tasks
3. Visualization Components
4. Other Implementation Details

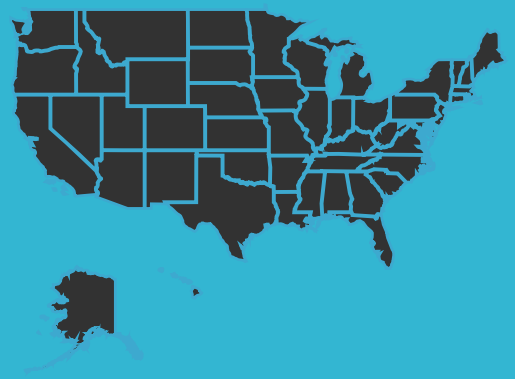
Dataset Overview

City, State, Place	Location Others	Lat/Lgt	Income Mean	Income Others
Text	Text	Geographic	Numeric	Numeric
Tabular description of location by city, county, state, zip code, etc.	Additional description of Location i.e. acres of land, water, area code	Location Latitude and Longitude	Income Mean reported for the location	Additional Income Info: income stdev, median, max, min, sum

Visualization Tasks



Visualization Components

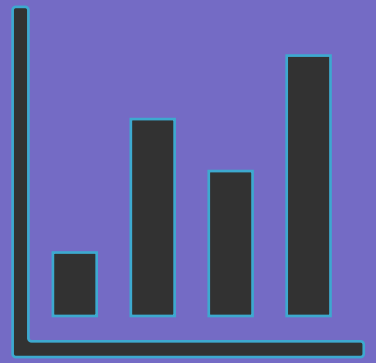


Interactive Map

Interactive map of the US displaying income aggregate statistics at the state level

Histograms/Charts

Interactive histogram or chart displaying detailed statistics at granular level



Other Implementation Details

Data Wrangling/Transformations

County data problems?
Additional Metrics: Group by Location different levels:
Mean/Stdev Income by Zip, City, State, etc.

References

Dataset: https://www.kaggle.com/goldenoakresearch/us-household-income-stats-geo-locations/data
Data Dictionary: https://www.kaggle.com/goldenoakresearch/us-household-income-stats-geo-locations/data

Technologies Used

Application Dominant: Tableau

Stakeholders

Public policy organizations wanting to showcase differences in income levels across the country