



Introduction

The purpose of selecting the information on the cost of living in the United States was to provide an overall picture of salary and expenses as they varied throughout the states. Additionally, we believed that this information would be useful in the future because our presentation's primary audience were other students.

Source of Data

<https://www.kaggle.com/datasets/mvieira101/global-cost-of-living>

Details of the Dataset

1

Country

50

States

1048

Cities

\$3983

Average Salary (Monthly)

\$1444

Rent (1 BHK)

\$180

Utility

\$62

Meals (for 2)

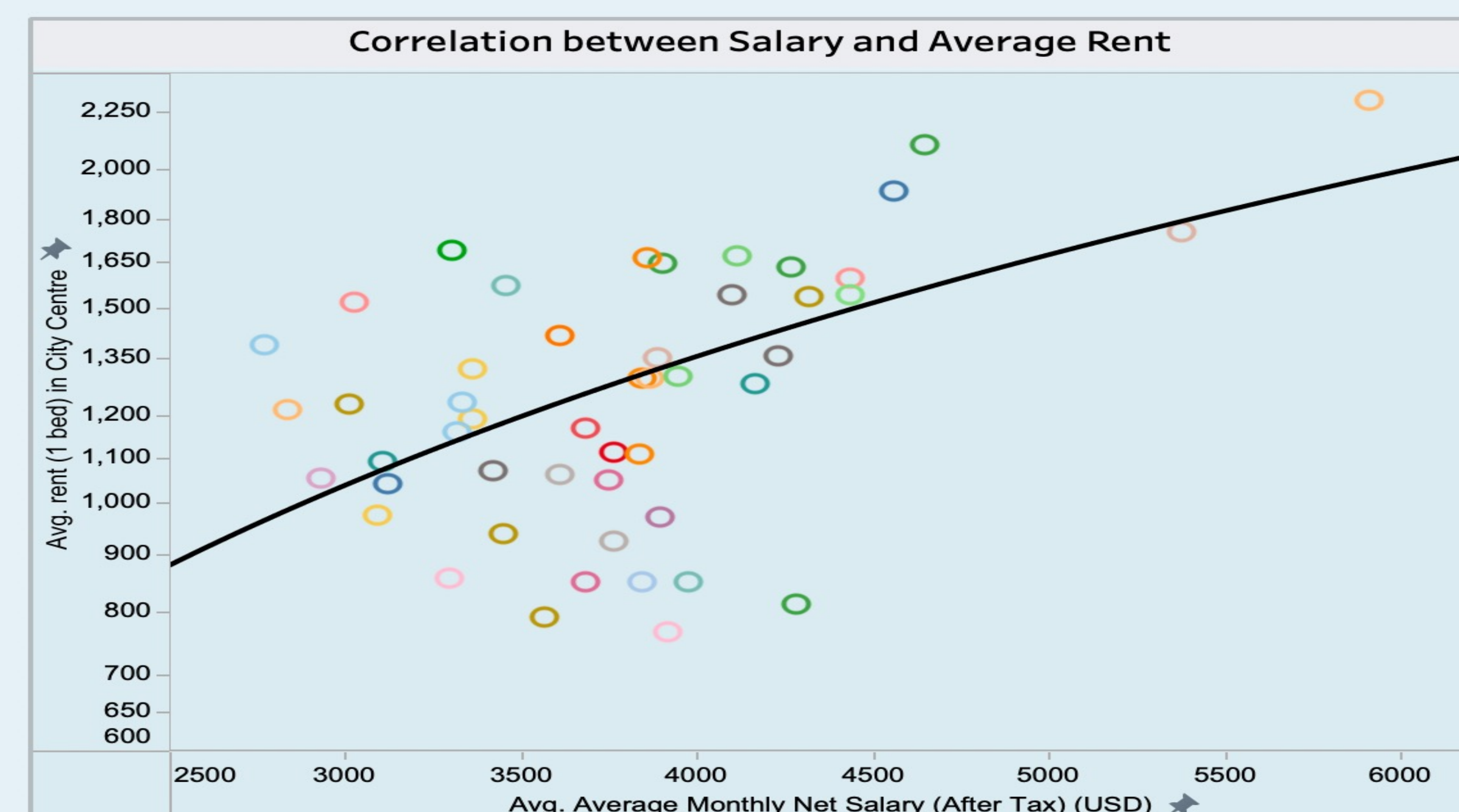
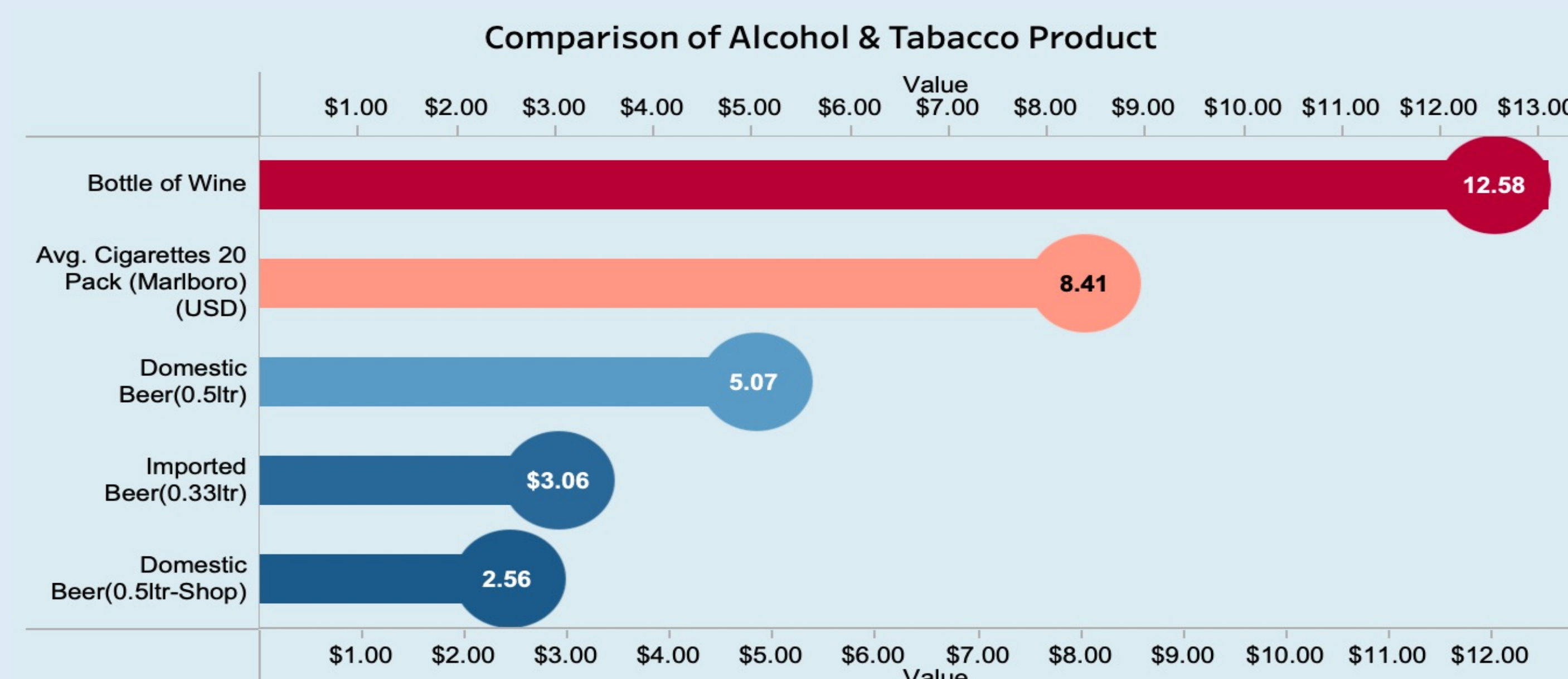
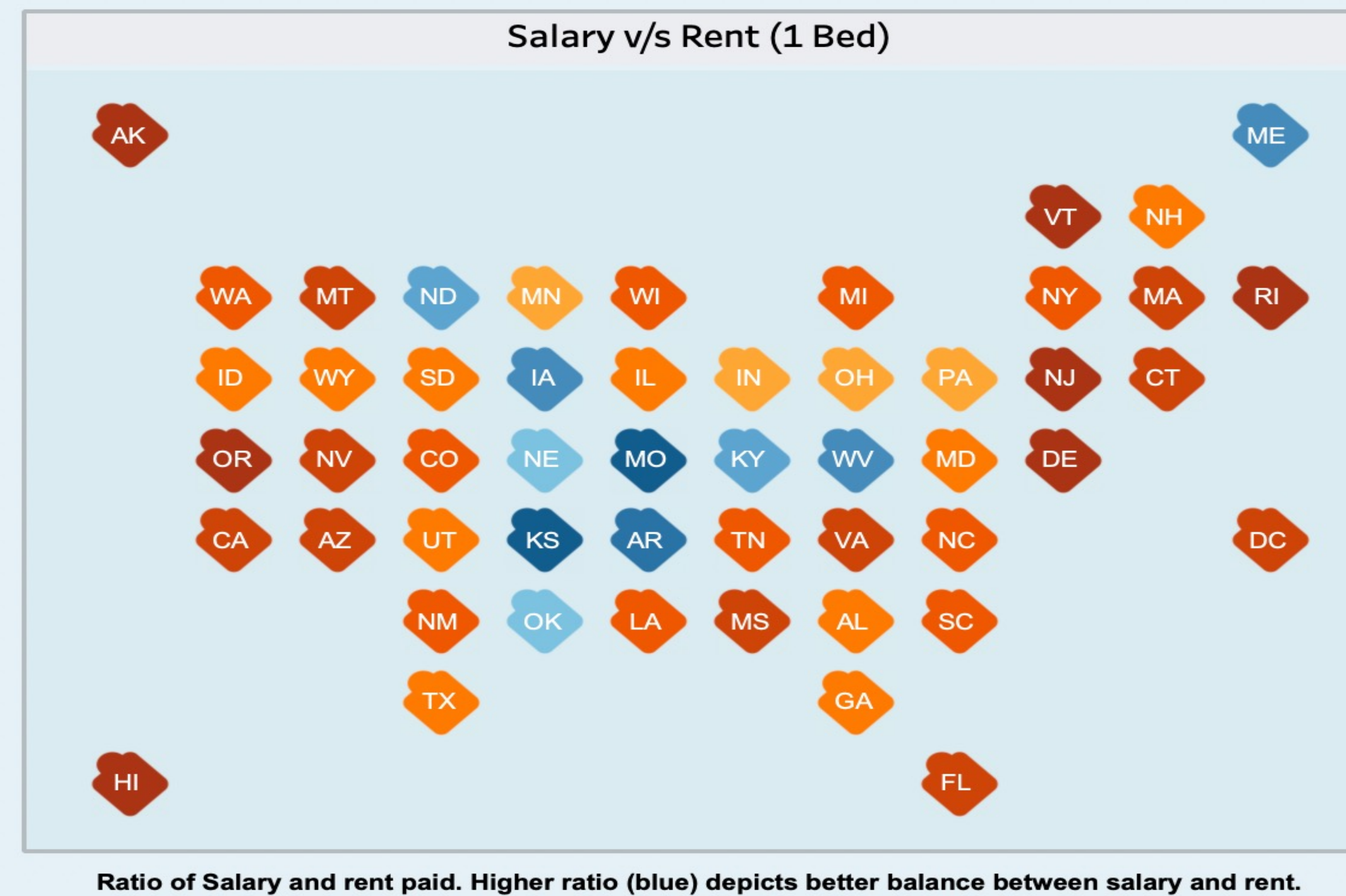
5%

Mortgage Rate

Types of graphs

- ☐ Hex tile plot
- ☐ Scatter plot
- ☐ Wheat plot
- ☐ Round shape horizontal plot
- ☐ Tree Map

Snippets of few important graphs



Insights from the data

- ☐ Average monthly salary in the USA is ~\$3.9k; with DC, Maryland, Hawaii, California and Washington being the top 5 high paying states.
- ☐ Proportion of spends on rent vis-vis salary: Missouri and Kansas at lowest with ~0.19 and highest being Alaska and New Jersey at ~0.50
- ☐ Mortgage rates are lower in states like Maine, Kentucky, Idaho and New Hampshire with average price per sq ft of 1bed at ~3.2k to ~3.5k
- ☐ Basic cost of living is highest in West at \$188 per month and least in East at ~\$166
- ☐ Average utility cost of USA is \$180 per month with highest in Alaska at \$270 per month
- ☐ Meal cost for two people in mid-range restaurant with alcohol cost ~\$80 - \$100

Challenges and Discovery

- ☐ The original data had ~4.8k unique values of many other countries.
- ☐ We filtered the data for the USA, as due to large number of unique values it was difficult to show an accurate representation.
- ☐ Due to the Alaska effect in the data, it was hard to analyse data of all the states in one vision.
- ☐ To overcome the above, we used the Hex map plot.