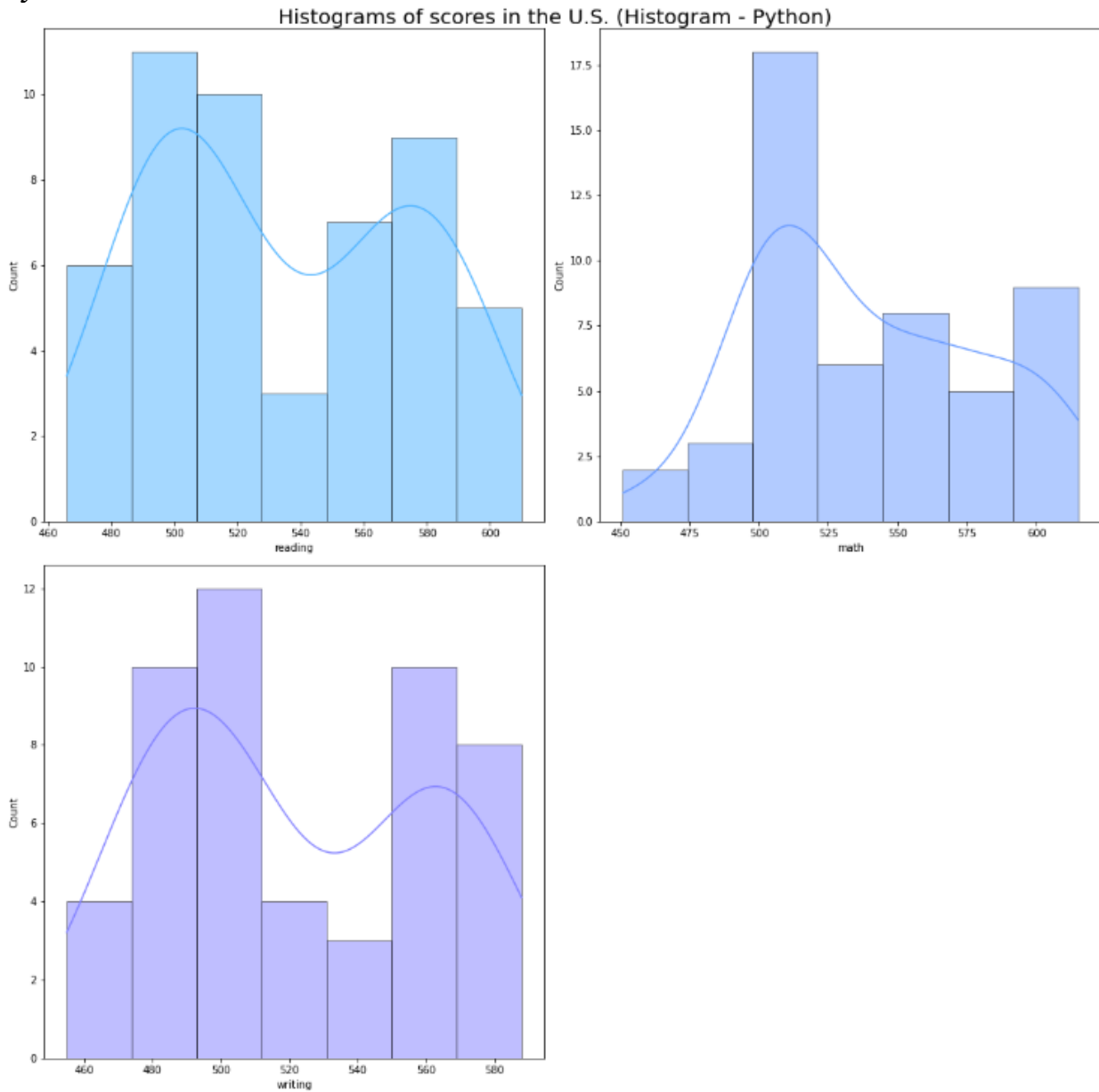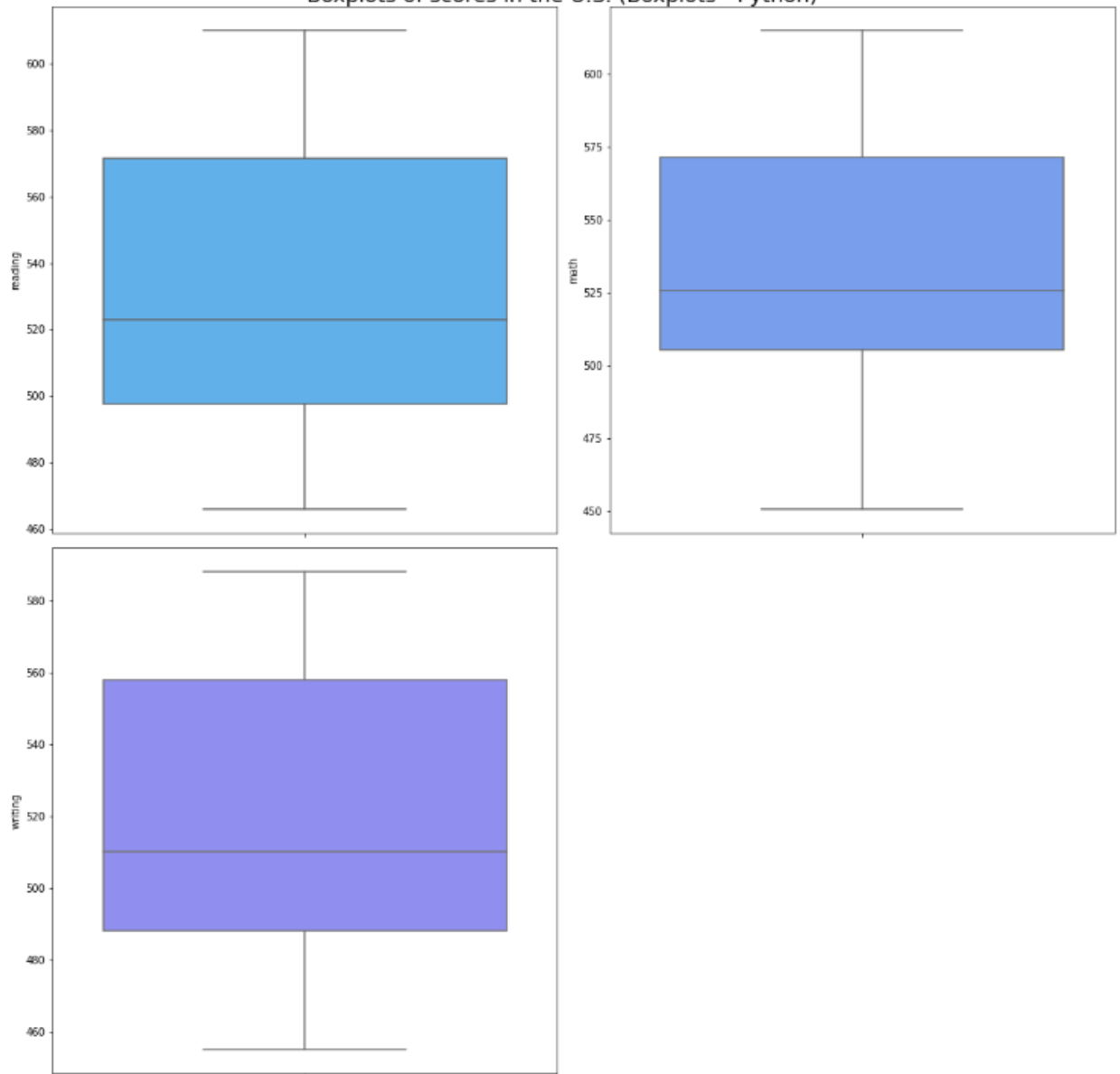Rahul Rajeev
DSC640-T301
Prof. Catherine Williams

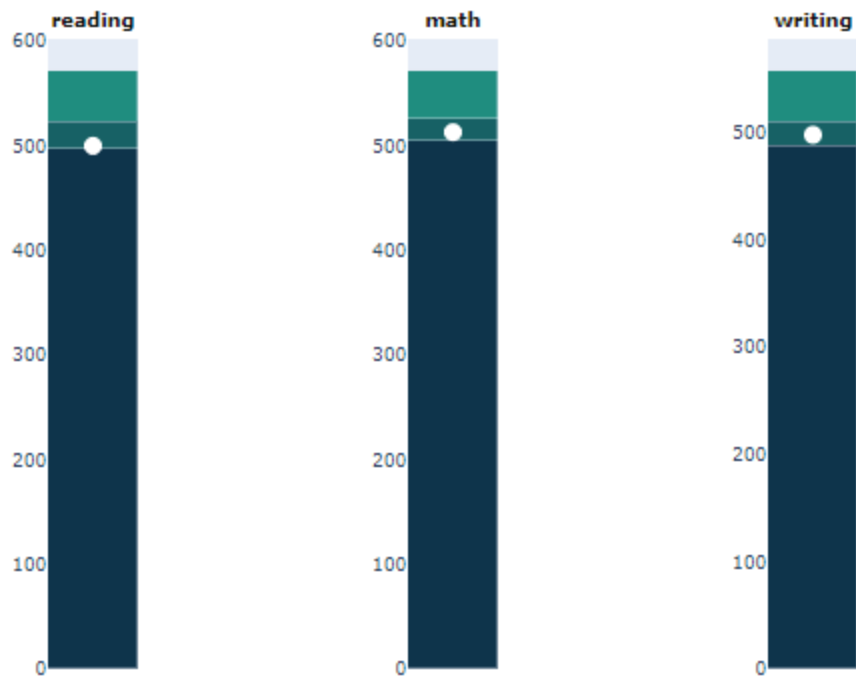## 5.2 Exercises (Scatter Plots, Bubble Charts, and Density Chart)

Python Visualizations

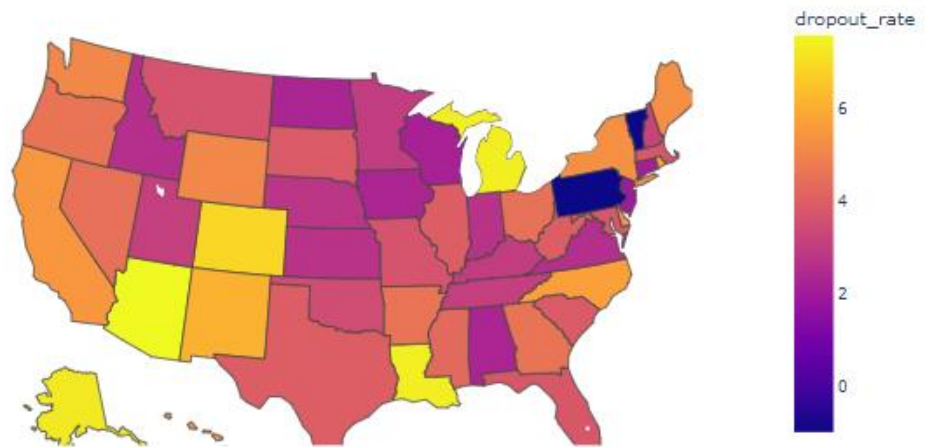Histograms of scores in the U.S. (Histogram - Python)

Boxplots of scores in the U.S. (Boxplots - Python)

California Scores vs. the U.S. Quartiles (Bullet Chart - Python)

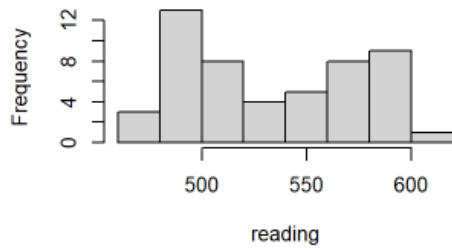## Choropleth Map for dropout rates in US (Spatial Chart - Python)
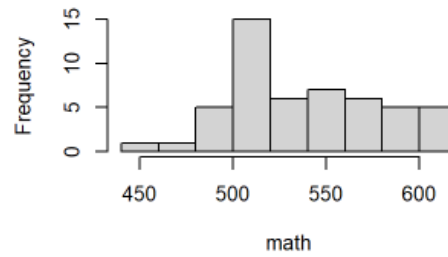
R Visualizations
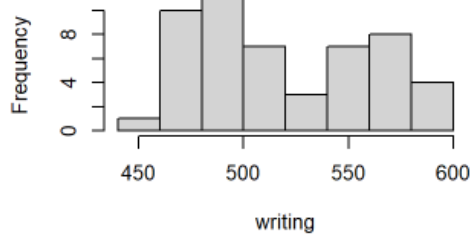
Histograms of scores in the U.S. (Histogram - R)

Histogram of reading
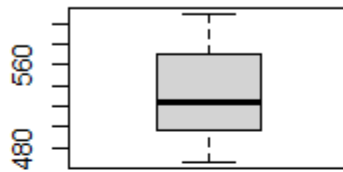
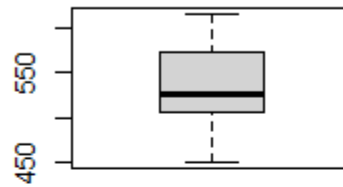### Histogram of math

Histogram of writing

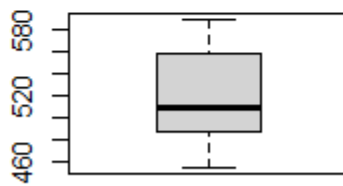## Boxplots of scores in the U.S. (Boxplots - R)
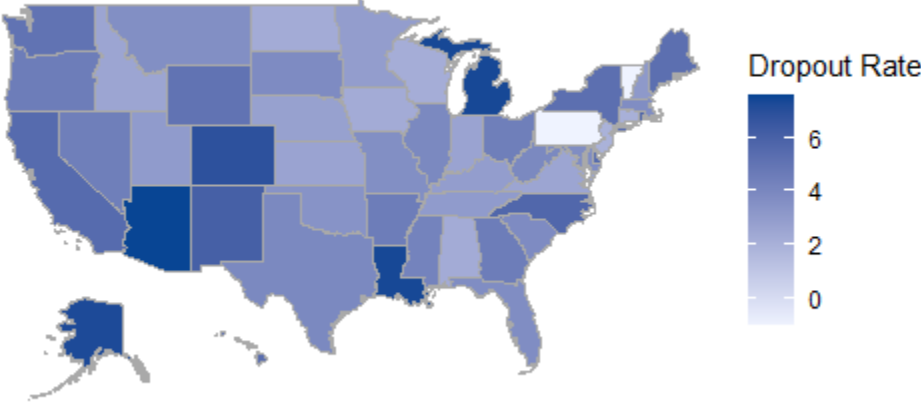
reading

math

writing

California Scores vs. the U.S. Quartiles
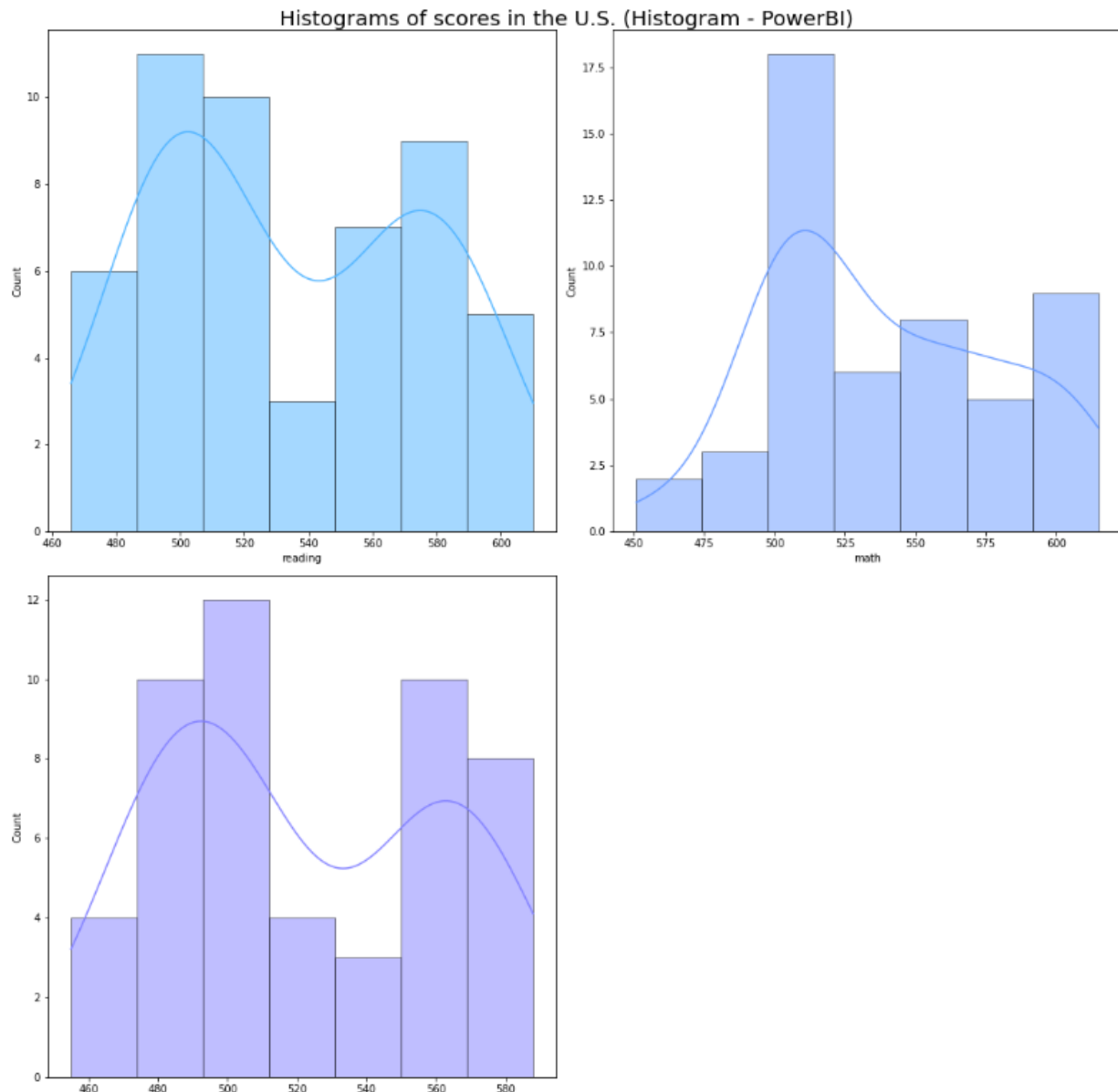## (Bullet Chart - R)

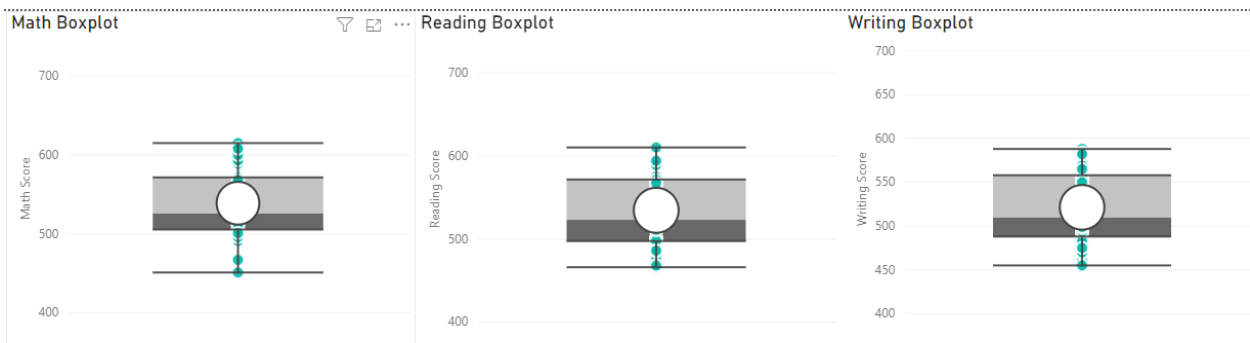# Choropleth Map for dropout rates in US (Spatial Chart - R)

PowerBI Visualizations

I didn't find a good package to plot histogram plots in PowerBI, so I used Python scripting to plot it in PowerBI, they will look the same on paper.

Boxplot of Scores in the US (Boxplot – PowerBI)

California Scores vs. the U.S. Quartiles

Bullet Chart - PowerBI

Bubble Spatial Chart of Dropout Rates in the US

Spatial Chart - PowerBI