

Intermediate Data Visualization in Python

- Work with the Seaborn package to understand and explore a dataset
- Understand how to explore the distributions of columns of the data
 - Plot joint plots with Seaborn and interpret the results
 - Plot kernel density plots with Seaborn and interpret the results
 - Plot violin plots with Seaborn and interpret the results
- Understand how to visualize categorical counts of the data
 - Plot horizontal and regular bar plots with Seaborn and interpret the results
 - Plot horizontal and regular count plots with Seaborn and interpret the results
- Understand how to visualize numerical relationships of the data
 - Plot scatter plots with Seaborn and interpret the results
 - Plot regression lines with Seaborn and interpret the results
- Be able to make multivariate plots in Seaborn by faceting against other categorical and numerical variables
 - Facet a plot by a categorical variable and interpret the output
 - Facet a plot by a numerical variable and interpret the output
 - Explore how data points are grouped by other variables
- Follow data visualization best practices
- Be able to justify and tell a story with the visualizations