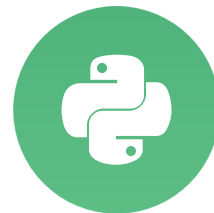
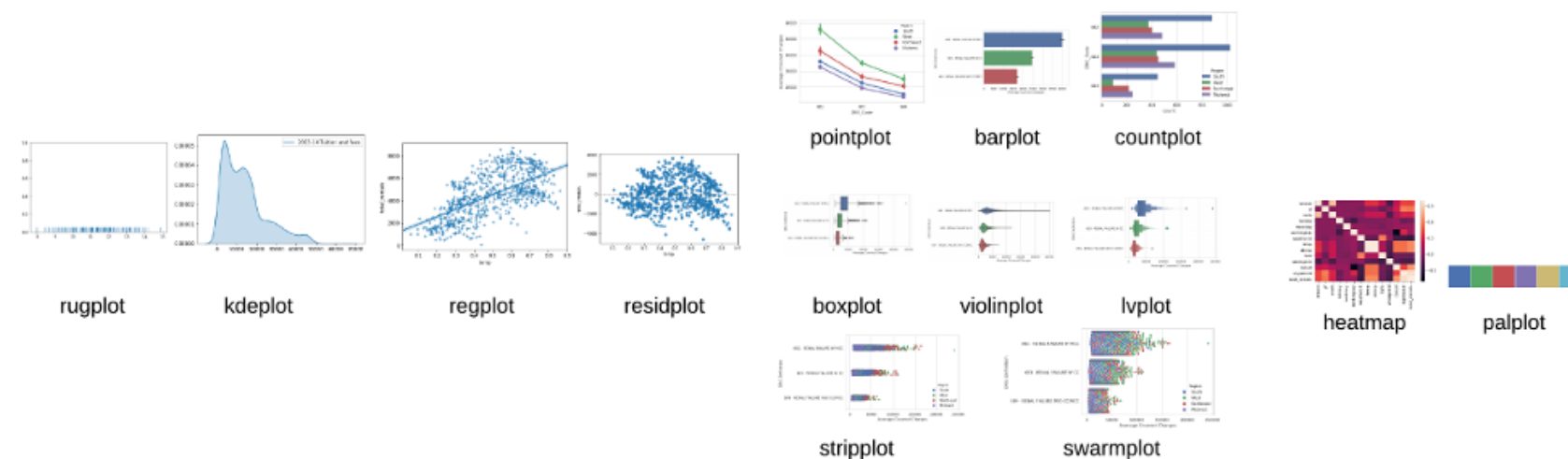
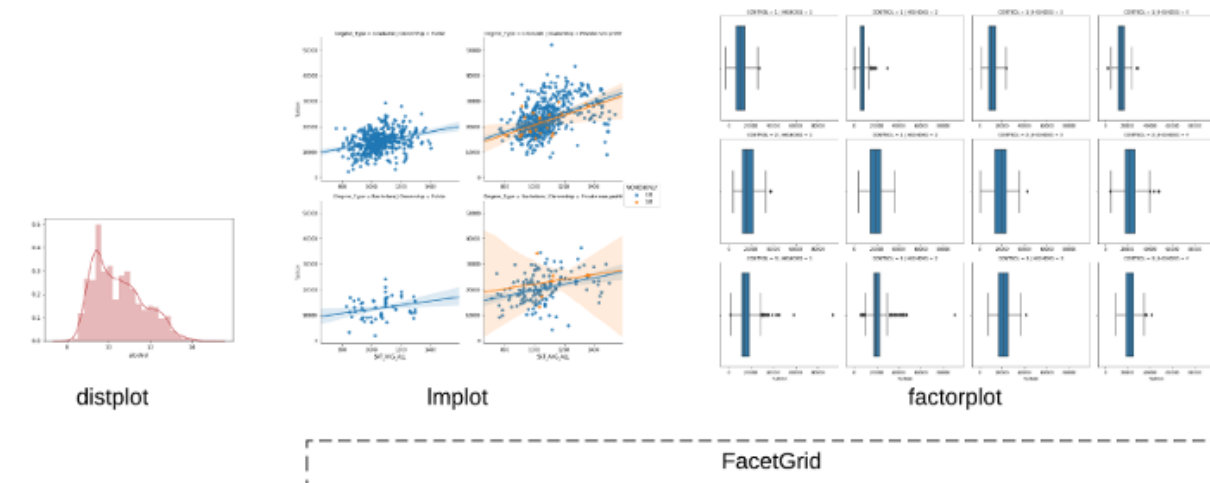
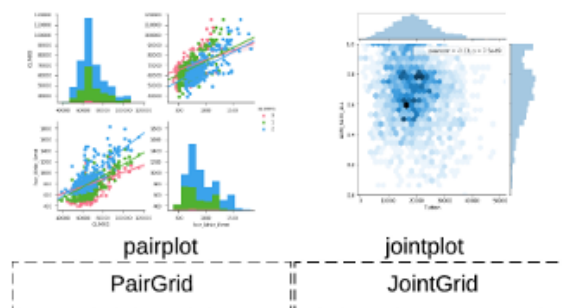


# Selecting Seaborn Plots

INTERMEDIATE DATA VISUALIZATION WITH SEABORN



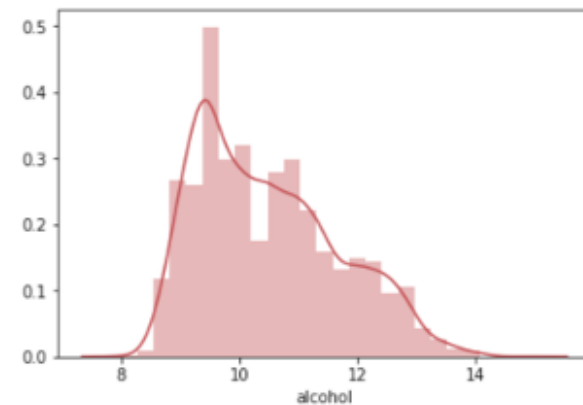
**Chris Moffitt**  
Instructor



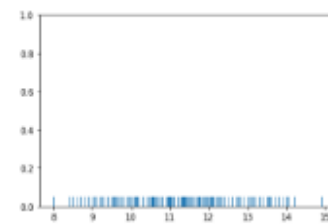
matplotlib

# Univariate Distribution Analysis

- `distplot()` is the best place to start for this analysis
- `rugplot()` and `kdeplot()` can be useful alternatives



distplot



rugplot



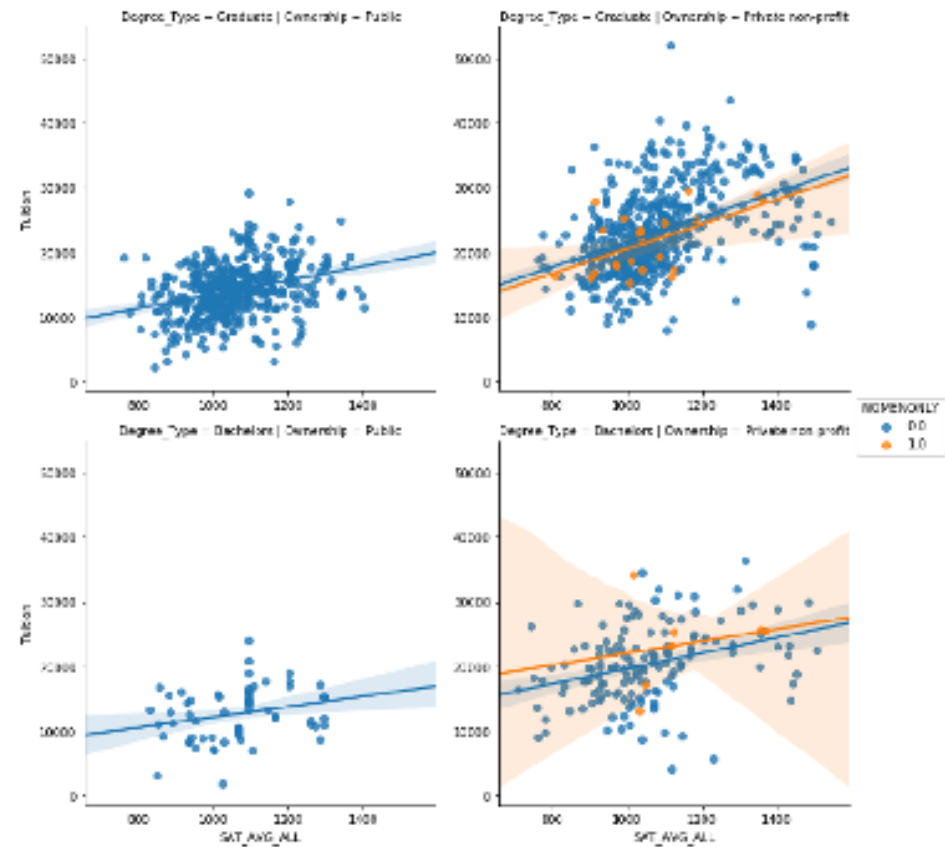
kdeplot

`plt.hist()`

matplotlib

# Regression Analysis

- `lmplot()` performs regression analysis and supports facetting

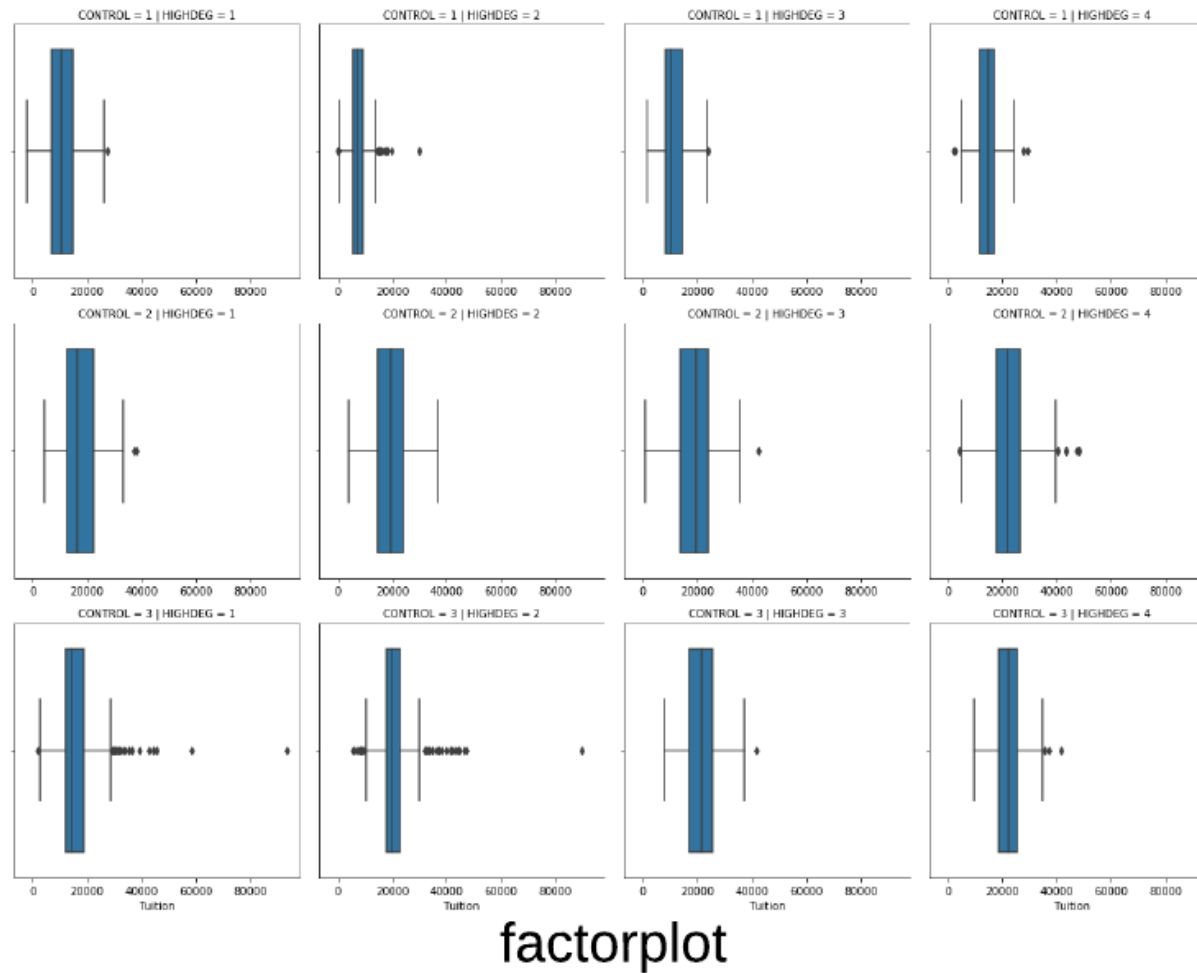


lmplot

FacetGrid

# Categorical Plots

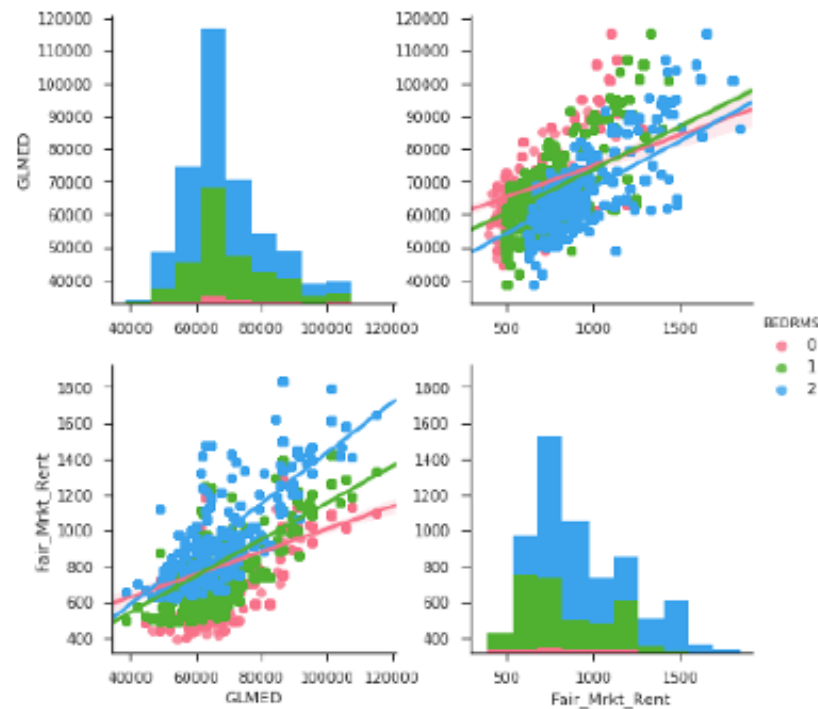
- Explore data with the categorical plots and facet with



FacetGrid

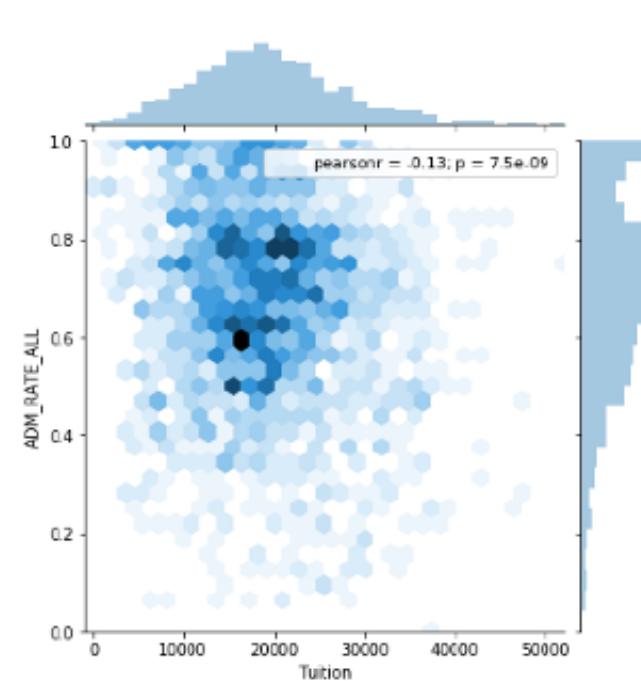
# pairplot() and jointplot()

- Perform regression analysis with `lmplot`
- Analyze distributions with `distplot`



pairplot

PairGrid



jointplot

JointGrid