

Alaska 2 80.9 465.1 622.5 2599.1 391.0 4.8 81.1 3 Arizona 33.8 144.4 327.4 948.4 2965.2 924.4 7.5 4 Arkansas 6.7 42.9 91.1 386.8 1084.6 2711.2 262.1 In [34]: # Set up the dataset.

In [34]: # Set up the dataset.
df_education = pd.read_csv('education.csv')
df_education.head()

Out[34]: state reading math writing percent_graduates_sat pupil_staff_ratio dropout_rate

46

291.1

247.8

726.7

953.8

7.9

2286.3

2650.0

4.4

416.7

288.3

1 Alabama 557 552 549 7 6.7 2.3 2 Alaska 520 516 492 46 7.9 7.3 3 Arizona 516 521 497 26 10.4 7.6 4 Arkansas 572 572 5 6.8 4.6 556

Histogram

0 United States

0 United States

Alabama

1

5.6

8.2

501

515

31.7

34.3

493

140.7

141.4

In [35]: sns.histplot(data=df_crime, x="robbery", bins=10)
 plt.title("Robbery - Histogram")
 plt.show()

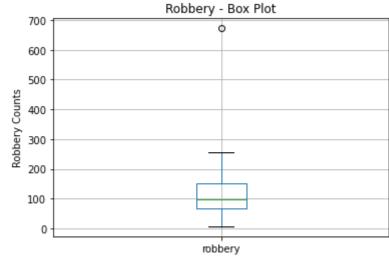
Robbery - Histogram

17.5 - 15.0 - 12.5 - 10.0 - 7.5 - 5.0 - 2.5 - 0.0 0 100 200 300 400 500 600 700

robbery

Box Plot

In [36]: fig, ax = plt.subplots()
 boxplot = df_crime.boxplot(column=['robbery'], return_type='axes')
 plt.ylabel("Robbery Counts")
 plt.title("Robbery - Box Plot")
 plt.show()



Bullet Graph



Python Bullet Chart

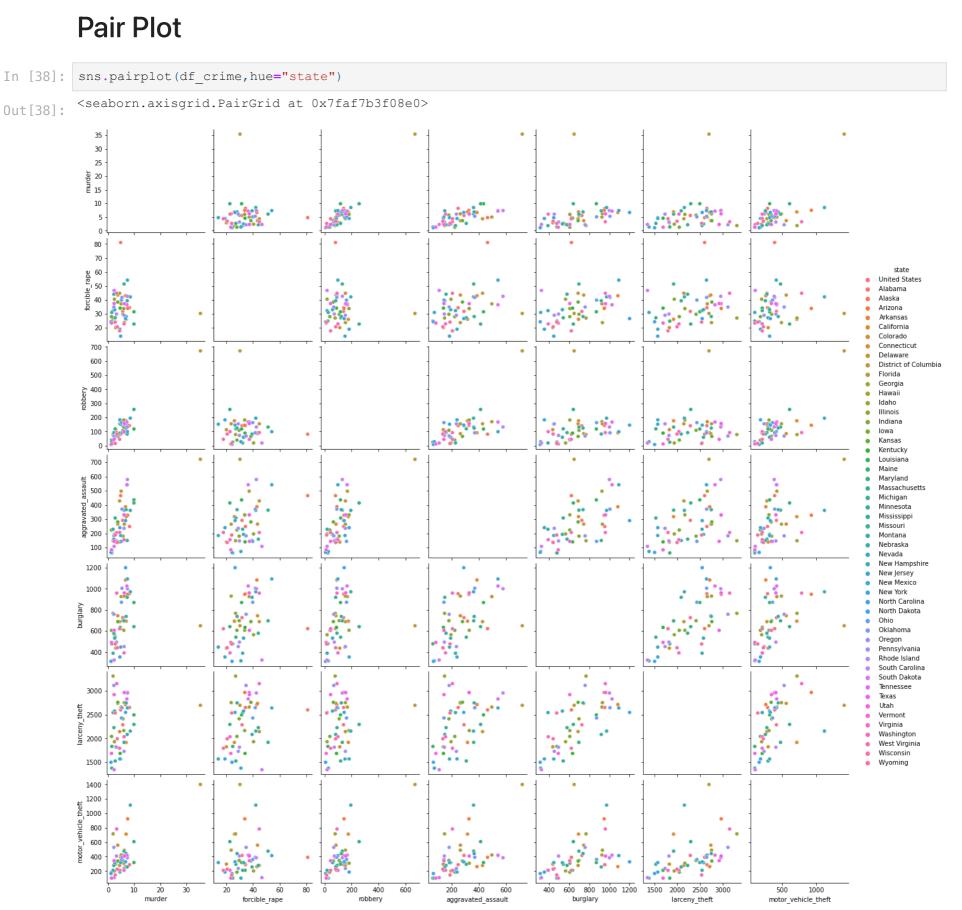
Math

Writing





0 100 200 300 400 500 600



In []: