WHICH TYPE OF PLOT TO USE FOR THE GIVEN DATA?

DATA TYPE ?

Continuous Data?

Categorical Data?

Check the Data Size

How do you want to compare the variables?

Is data size large ?

YES → **Large dataset with overlap?**

NO → **Do you want to show the disribution?**

To show the Relationship between variables

To show the distribution

Large dataset with overlap?
- YES → **HEXBIN PLOT**
- NO → **JITTER PLOT**

Do you want to show the disribution?
- YES → **DENSITY PLOT**
- NO → **To show the trends, correlations**

VIOLIN PLOT

Is the dataset small?
- YES → **DOT PLOT**
- NO → **Is the data normally distributed?**

SCATTER PLOT

Is the data normally distributed?
- NO → **BEE SWARM PLOT**
- YES → **BOX PLOT**