FINAL CODE

Histogram = count vs all = Represent the frequency distribution of a continuous variable. Useful for understanding the spread and shape of the data (e.g., normal distribution, skewed).

Density = Density vs all = show the probability density of the data.

dot plot = all = Useful for showing the spread of data and identifying outliers.

Box Plot = all = Represent the five-number summary of a dataset: minimum, first quartile (Q1), median, third quartile (Q3), and maximum. represents the interquartile range (IQR) between Q1 and Q3. Useful for comparing the distribution and variability of multiple datasets.

Violin Plot = all [attribute and value] =

ECDF (Empirical Commutative Distribution) = Cumulative Probability vs all

Q-Q Plot = Theoretical Quantiles vs Actual Quantiles = Quantile-Quantile

Rug Plot = all

Bar Plot = quality and count

pie plot = Distribution of Quality

Treemap = Quality

correlation = sobgular sathe sobgular

Correlation Heatmap

Bubble Plot

Violin Plot of Numeric Variable by Category