Description for Breast Cancer Dataset:

1. Feature Distribution

- Purpose: Understanding the spread, central tendency, and outliers for individual features.
- Insights: Highlights skewness, variability, and the presence of outliers, aiding in feature analysis.

2. Correlation Heatmap

- Purpose: Shows relationship between numerical features.
- Insights: Strong correlations (e.g., "mean radius" vs. "mean perimeter") indicate dependent features, while weak ones suggest independence.

3. Scatter Plot Comparison

- Purpose: Visualizing pairwise relationships and class separations.
- Insights: Distinct clusters between benign and malignant samples suggest predictive features.

4. Class Distribution

- Purpose: Analyzing the balance of target classes (e.g., "benign" vs. "malignant").
- Insights: Imbalances can skew model predictions and require adjustments like resampling.