

Seaborn

1. **Plotting Functions:**
 - **sns.relplot():** Create a scatter or line plot with a FacetGrid.
 - **sns.scatterplot():** Create a scatter plot.
 - **sns.lineplot():** Create a line plot.
 - **sns.barplot():** Create a bar plot.
 - **sns.countplot():** Create a count plot.
 - **sns.boxplot():** Create a box plot.
 - **sns.violinplot():** Create a violin plot.
 - **sns.stripplot():** Create a strip plot.
2. **Distribution Plots:**
 - **sns.histplot():** Plot univariate or bivariate histograms.
 - **sns.kdeplot():** Plot univariate or bivariate kernel density estimates.
 - **sns.rugplot():** Plot marginal distributions of a variable.
3. **Categorical Plots:**
 - **sns.catplot():** Create a categorical plot.
 - **sns.swarmplot():** Draw a categorical scatter plot with non-overlapping points.
4. **Matrix Plots:**
 - **sns.heatmap():** Plot rectangular data as a color-encoded matrix.
 - **sns.clustermap():** Plot a matrix dataset as a hierarchically-clustered heatmap.
5. **Regression Plots:**
 - **sns.regplot():** Plot data and a linear regression model fit.
 - **sns.lmplot():** Plot data and a linear regression model fit with FacetGrid.
6. **Pair Plots:**
 - **sns.pairplot():** Plot pairwise relationships in a dataset.
7. **Joint Plots:**
 - **sns.jointplot():** Draw a scatter plot with univariate and bivariate histograms.
8. **Time Series Plots:**
 - **sns.lineplot():** Plot data on the x-axis against data on the y-axis.
9. **Styling and Customization:**
 - **sns.set():** Set aesthetic parameters in one step.
 - **sns.set_style():** Set the aesthetic style of the plots.
 - **sns.set_palette():** Set the color palette for the plot.
10. **Context Management:**
 - **sns.axes_style():** Return a parameter dict for the aesthetic style.
 - **sns.plotting_context():** Return a parameter dict to scale elements of the figure.
11. **Color Palettes:**
 - **sns.color_palette():** Return a list of colors defining a color palette.
 - **sns.light_palette(), sns.dark_palette():** Create sequential color palettes.
12. **FacetGrid:**
 - **sns.FacetGrid():** Multi-plot grid for plotting conditional relationships.
13. **Regression Plots:**
 - **sns.regplot():** Plot data and a linear regression model fit.
14. **Miscellaneous:**
 - **sns.despine():** Remove the top and right spines from plots.
 - **sns.set_context():** Set the plotting context parameters.