# Glossary

Below is a list of functions from both Matplotlib and Seaborn, that you have learned in this lesson. Observe the tables below carefully, and recall the examples that you have practiced so far. This will help you understand the difference between the utility of Matplotlib and Seaborn packages.

**Univariate Visualization Functions**

| Plot type | matplotlib.pyplot function | seaborn function |
|---|---|---|
| **Bar Chart** | --- | countplot()<br>barplot() |
| **Pie Chart** | pie() | --- |
| **Histogram** | hist() | distplot()<br>displot()<br>histplot() |

**Bivariate Visualization Functions**

| Plot type | matplotlib.pyplot function | seaborn function |
|---|---|---|
| **Scatterplot** | scatter() | regplot() |
| **Heat Map** | hist2d() | heatmap() |
| **Violin Plot** | --- | violinplot() |
| **Box Plot** | --- | boxplot() |
| **Clustered Bar Chart** | --- | countplot()<br>heatmap() |
| **Faceting** | --- | FacetGrid() |
| **Bar Plot** | --- | barplot() |
| **Point Plot** | --- | pointplot() |
| **Line Plot** | errorbar() | --- |

**Other useful functions**

| Utility | matplotlib.pyplot function |
|---|---|
| **Subplots** | subplot() |
| **Figure** | figure() |
| **Axes** | Axes() |
| **Get current axes** | gca() |
| **Set current axes** | sca() |

**Comprehensive List of Plots**

See the comprehensive list of visualization functions.

1. matplotlob.pyplot functions

2. seaborn functions