Python Data Visualization Cheat Sheet

**Pandas Visualizations:**

|  |  |
| --- | --- |
| Basic Structure:  Dataframe variable + plot command + parameters | df.plot(kind="bar") |
| Plot commands (kind='X') | * **'line'** * **'bar'** * **'barh'** (Horizontal bar chart) * **'hist'** * **'box' (Boxplot)** * **'kde' (**Kernel Density Estimation plot) * **'area'** * **'pie'** * **'scatter'** * **'hexbin'** (Hexagonal bin plot) |
| Basic Parameters: | * x (specify x-axis) * y (specify y-axis) * title (specify chart title) * figsize (figure size, must be a tuple) * layout (specifies subplot grid layout for multiple graphs (must be a tuple)) * colormap (sets the colormap) * colorbar (displays a colorbar (for scatter and hexbin)) * fontsize (font size for tick labels) |

For more details on each plot type and their associated parameters, see the Pandas documentation:

**[https://pandas.pydata.org/docs/reference/api/pandas.DataFrame.plot.html#](https://pandas.pydata.org/docs/reference/api/pandas.DataFrame.plot.html)**