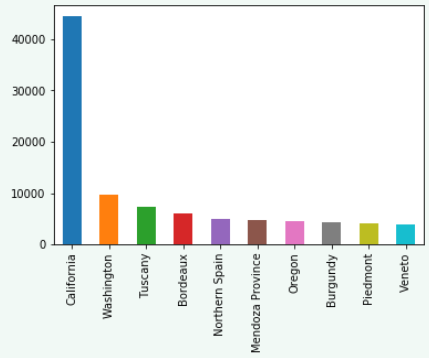
Cheatography

# Visualization Data Cheat Sheet

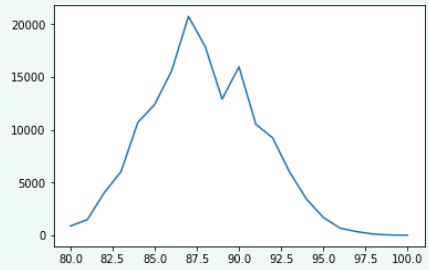
by mliafol via cheatography.com/70309/cs/17821/

## BAR_PLOT_UNIVARIATE_PANDAS



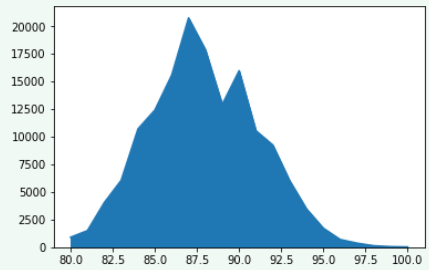

pandas.dataframe.plot.bar(x = optional)

## LINE_PLOT_UNIVARIATE_PANDAS



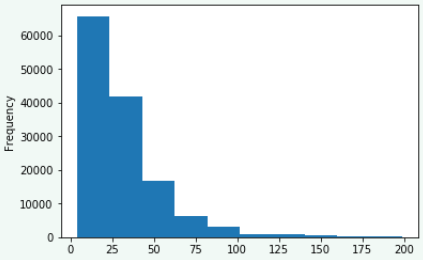

pandas.dataframe.plot.line(x = optional)

## AREA_PLOT_UNIVARIATE_PANDAS



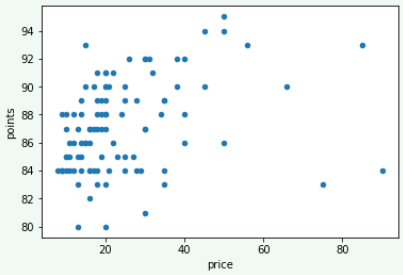

pandas.dataframe.plot.area(x = optional)

## HIST_PLOT_UNIVARIATE_PANDAS



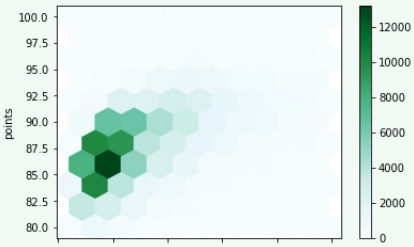

pandas.dataframe.plot.hist(x = optional)

## SCATTER_PLOT_BIVARIATE_PANDAS



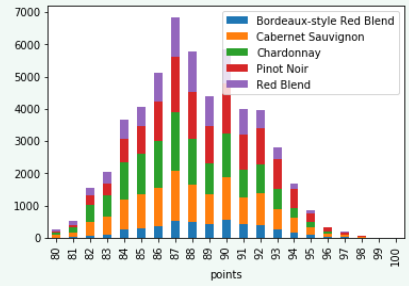

pandas.dataframe.plot.scatter(x = col_name1, y = col_name2)

## HEXBIN_PLOT_BIVARIATE_PANDAS



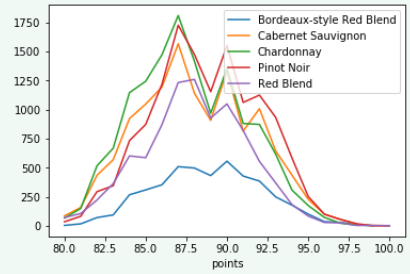

pandas.dataframe.plot.hexbin(x = col_name1, y = col_name2, gridsize = a_number)

## STACKED_BAR_BIVARIATE_PLOT_-PANDAS



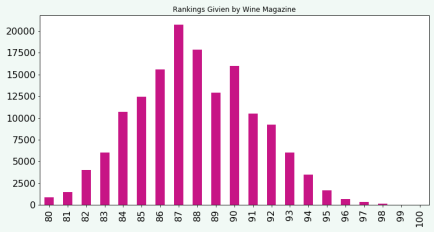

pandas.dataframe.plot.bar(stacked = True)

## LINE_PLOT_BIVARIATE_PANDAS




pandas.dataframe.plot.line(x = optional, y = [])

## STYLING_PLOT_MATPLOTLIB




pandas.dataframe.plot.bar(figsize = (width, height),
color = 'color',
fontsize = '',
title = 'title')


By **mliafol**
cheatography.com/mliafol/



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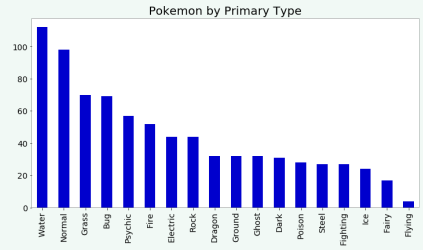
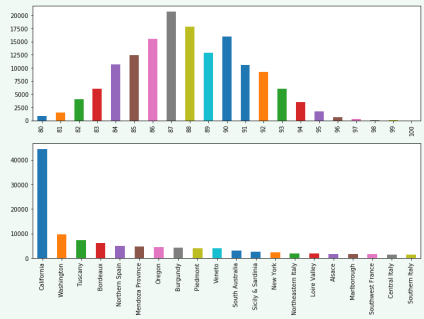
## REMOVE_AXIS_SEABORN



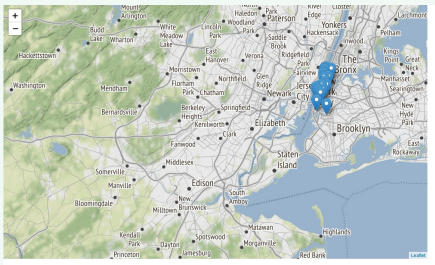

sns.despine(bottom = True/False, left = True/False)

## SUBPLOT_MATPLOTLIB



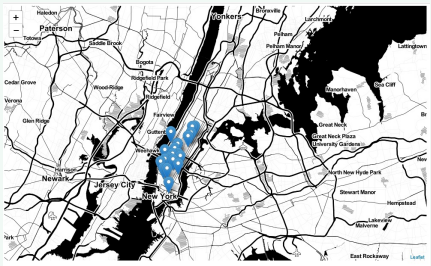
```
import matplotlib.pyplot as plt
fig, ax = plt.subplots(2, 1, figsize = ())
pandas.dataframe.plot,bar(ax = ax[0])
pandas.dataframe.plot.bar(ax = ax[1])
```

## MAP2_PLOT



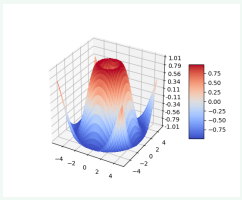
```
import folium
map_1 = folium.Map(location = [lat, long],
zoom_start = 3.2, tiles = 'Stamen Terrain')
```

## MAP_PLOT



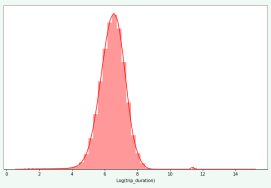
```
import folium
map = folium.Map(location = [lat,long],
zoomstart, tiles = Stamen Toner)
```

## SURFACE3D_PLOT_MATPLOTLIB



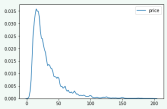
```
from mpl_toolkits.mplot3d import Axes3D
import matplotlib.pyplot as plt
fig = plt.figure()
ax = fig.gca(projection='3d')
surf = ax.plot_surface(X, Y, Z)
```

## LOG_PLOT



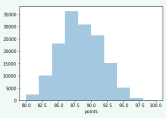
seaborn.distplot(np.log())

## LINE_REG_PLOT_SEABORN



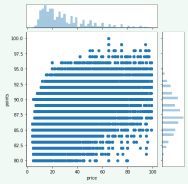
seaborn.kdeplot(data:1d array-like)

## DISTPLOT_SEABORN



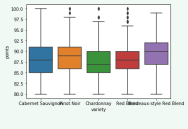
seaborn.distplot(data, bins, kde = True/False)

## JOINTPLOT_SEABORN



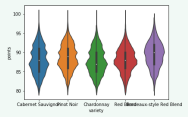
seaborn.jointplot(data, x, y)

## BOXPLOT_SEABORN



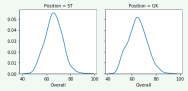
seaborn.boxplot(x, y, data)

## VIOLIN_BOX_PLOT



seaborn.violinplot(x, y, data)

## FACET_GRID_SEABORN



```
g = seaborn.FacetGrid(data, row, col)
g.map(sns.kdeplot, x)
```



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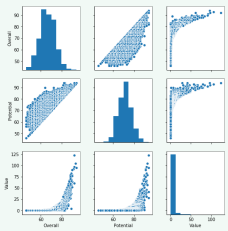
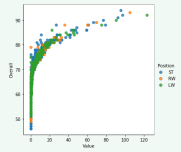
## PAIR_PLOT_SEABORN



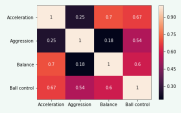
seaborn.pairplot(data)

## LMPLOT_SEABORN



seaborn.lmplot(x, y, hue, data)

## HEATMAP_SEABORN



seaborn.heatmap(data)

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