

```

2 # Rating
3 # Installs
4 # App Name
5 # Price

```

```

In [74]: 1 Popular_categories = apps_by_categories[apps_by_categories>=30000]
2 Unpopular_categories = apps_by_categories[apps_by_categories<30000]
3 len(Popular_categories)
4 len(Unpopular_categories)

```

Out[74]: 23

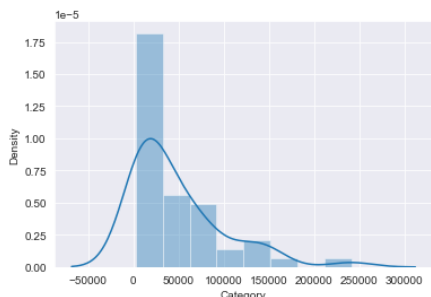
```

In [24]: 1 sns.distplot(apps_by_categories)

```

C:\ProgramData\Anaconda3\lib\site-packages\seaborn\distributions.py:2619: FutureWarning: `distplot` is a deprecated function that will be removed in a future version. Please adapt your code to use either `displot` (a figure-level function with similar semantics to `distplot`) or `histplot` (an axes-level function for histograms).

Out[24]: <AxesSubplot: xlabel='Category', ylabel='Density'>



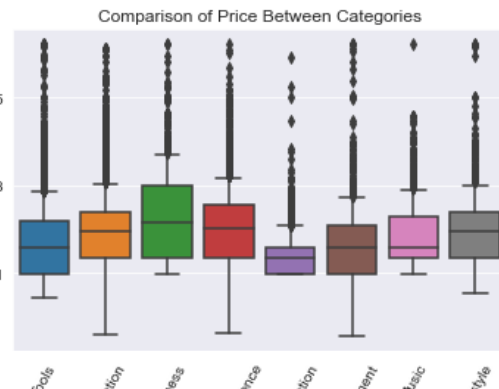
```

ticklabels
ax.set_xticklabels(ax.get_xticklabels(), rotation=60)

custom_yticklabels
y_ticks = [0.3, 0.5, 1, 3, 5, 10, 30, 100, 300]
ax.set_yticklabels(y_ticks)

ax.show();

```



Google Play Store

Import of the data / Reading file

```

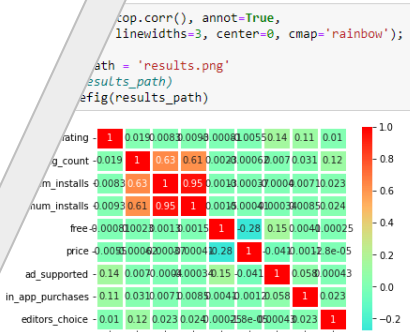
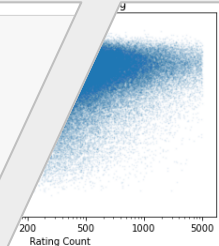
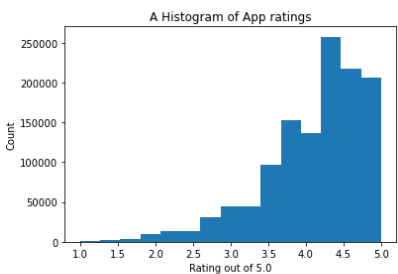
1 import numpy as np
2 import pandas as pd
3 # Visual Libraries
4 import matplotlib.pyplot as plt
5 from matplotlib import rcParams
6 from matplotlib import colors
7 from matplotlib.ticker import PercentFormatter

```

```

In [58]: 1 fig, ax = plt.subplots()
2
3 # Subset for ratings over 0
4 over_0 = apps[apps['rating'] > 0][['rating']]
5
6 # Plot a histogram
7 ax.hist(over_0, bins=15)
8
9 # Label
10 ax.set(title='A Histogram of App ratings',
11        xlabel='Rating out of 5.0',
12        ylabel='Count')
13
14 plt.show();

```



```

In [ ]: 1 #Histogram shows that majority of the apps are rated between ~3.8
2

```

```

In [60]: 1 Categories = apps.category.unique()
2 len(Categories)

```

Out[60]: 46

```

percent != 0 ]
289466e-01
.819988e-01
3.071972e-02
9.893452e-03
9.893452e-03
2.823242e-03
8.474049e-05
5.836717e-05
4.626139e-05
4.626139e-05
1.426753e-05
1.340283e-05
8.646988e-07

```

```

percent[NaN_percent != 0 ].plot(kind='barh')

```

