User Story 4

This code summary is based on data that has already been cleaned and will require little manipulation for data visualization.

The direction given was to analyze installs in groups which we will call bins. So we will analyze how many apps fall into each bin specified in the instructions (1000-10000, 10000 – 100000, etc.). The only other ask was to analyze this data based on the “Categories” field which is categorical value. Due to this, we run the below code to remove all unnecessary data.



From here we define the bins (grouping) as instructed.

A computer code on a white background

Description automatically generated

We did not replace the installs field in the data set as we may need to utilize this data at a later time, therefore we create a new field with the groupings we just created, “Install Group”.

Now, we utilize Seaborn and Matplotlib to create a bar plot using these new install groups.

A screen shot of a computer code

Description automatically generated

This code has this below output:

A bar graph with numbers and text

Description automatically generated

Now categorize these apps based on their “Install Group” & “Category”, I chose to utilize the bar chart once again as I believe it showed the most appropriate visualization by each install group on the x-axis.

A screen shot of a computer

Description automatically generated

Results of Code:

A graph of different colored lines

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