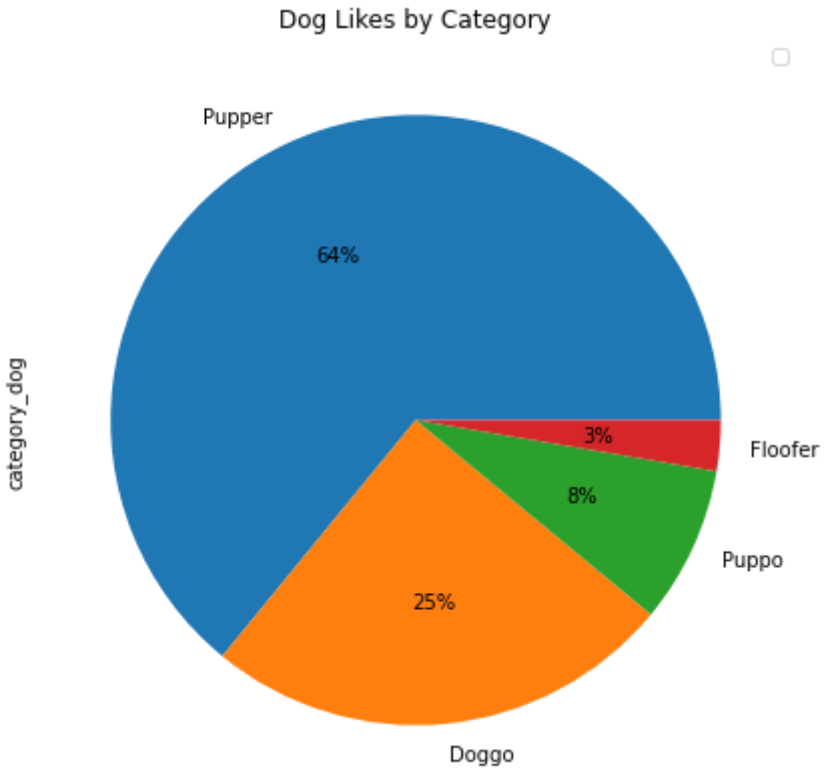
Data Analysis and Visualization Report

This report comes across our data wrangling process. With our three dataset that we gathered from three different sources we have created a new one stored in the "**twitter_archive_master.csv**" file
With some analysis we came to some conclusions. We will list these questions and what brought us our answers from the analysis of our dataset. After creating our data frame, the visualization process gave us some observations that we used with Dogs Categories.

- ***Which is the best rated Dogs Category***

To answer this question, we have made a pie chart that allows us to count the number of tweets grouped by Category of Dogs. Using the highest percentage appearing in the chart.



Observing this graph we can see that Pupper Category is the most rated with **64%** off our dataset.

- ***Let's check Dog Category Like rate.***

For this question we checked the sum of users' likes (favorites column values) grouped by Category. With these variables from the Dataset we can see that Pupper Category has the most likes.

- Doggo 1542317.0
- Floofer 116749.0
- Pupper 1668904.0
- Puppo 626023.0

Pupper category has more likes than all other Categories.

- ***<u>The favorite Dog Category</u>***

Combining our previous research questions we are able to answer this last question. But to achieve this result, we were able to create category_dog columns in our new dataset. Like that we are able to know people's opinions about dogs on We Rate Dogs Twitter Page, with a number of ratings and also likes values.

In other exploration, It's also possible to check the most beautiful dog and his name etc.