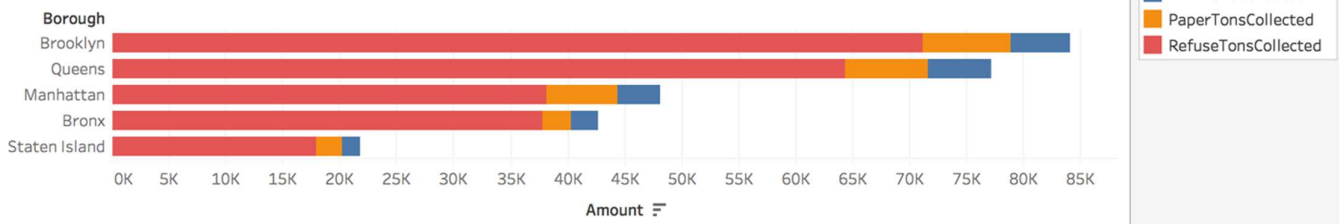


Analyzing Waste Management and Recycling Trends Across Boroughs

Rank Order of Total Trash Collected by Borough: A visualization was built to display the rank order of total trash collected across boroughs, enabling stakeholders to compare and assess boroughs based on their waste collection.

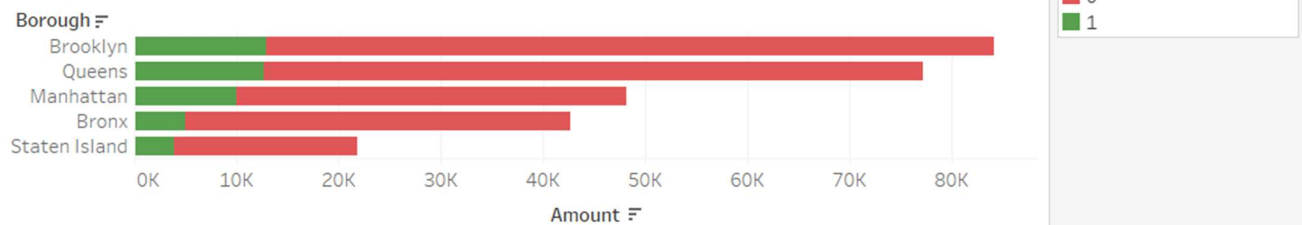
Total Trash Collected by Borough



Creation of an "IsRecycling" Field: A calculated field named "IsRecycling" was created to differentiate between recycling and refuse data, making it easier to separate the two waste types in analyses and visualizations.

Create a new calculated field, and use the IF THEN ELSE function structure to create a field that contains the value 1 if the category is MGPTonsCollected or PaperTonsCollected, and 0 if the category is RefuseTonsCollected. You will need to ensure that your field is "discrete" and is a "dimension".

Recycling vs. Refuse



Create a new calculated field that computes "Per Capita" refuse totals.

Create a New Calculated field called "Per Capita Amount" that divides the amount collected by the population value. Then, duplicate the previous sheet, and add the new field as a new column.

Total vs. Per Capita Refuse Collected by Borough



Create a “Percent” Representation of the ratio of Recycled to Refuse Collected

Create a New Sheet, and Create a Column Chart with a Column for each borough. Color by “IsRecycled” – Your Graph will look like the graph below on the left. Now, using a table calculation, display the data as a percent ratio.

