

PyBer Challenge Analysis

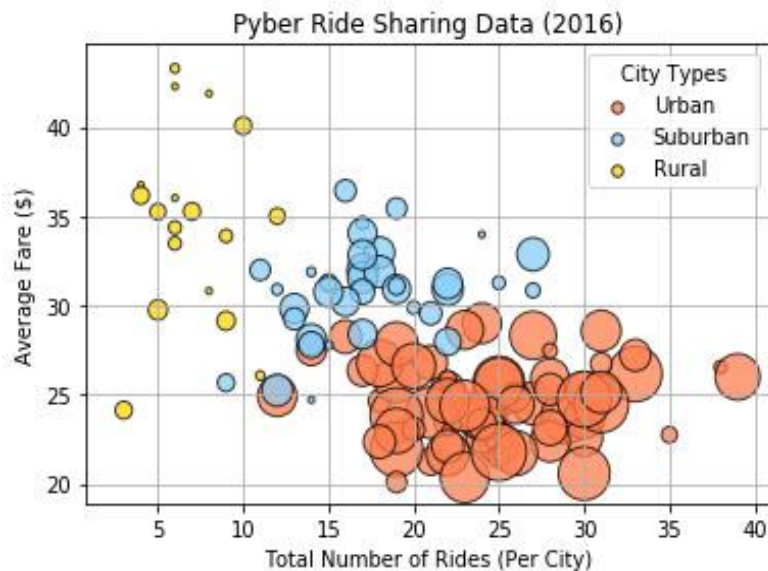
The analysis below includes the following data from multiple cities:

1. Average fare by city
2. Number of rides per city
3. Number of drivers per city

We then grouped the city data by city type: Urban, Suburban and Rural.

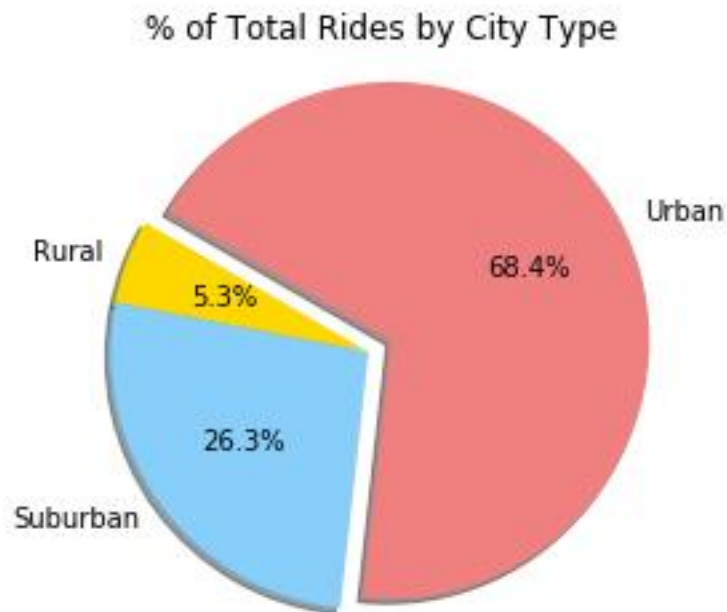
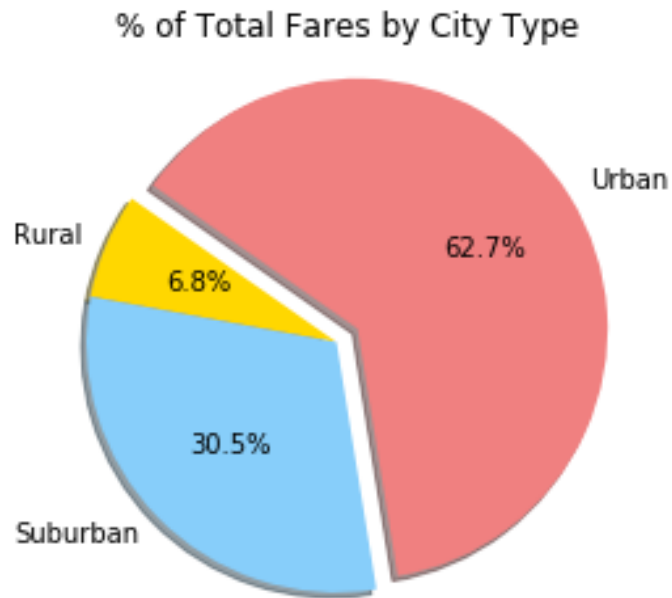
The following can be determined:

1. Most rides occur in Urban areas, where there are also more drivers available.
2. Fares are significantly higher in Rural areas. That can be due to both the distance driven and the number of drivers available.



Note: Circle size correlates with driver count per city.

3. Even with lower fare rides, Urban areas still account for the most revenue of city types. Rural areas generate the least amount of revenue despite higher fare rates, due to lower trip occurrence.



4. With the previous conclusions, it makes sense that there would be more drivers in Urban areas due to the frequency of trips.

