**Analysis:**

**Dashboard:**

Created 2 active dashboards with actions on filters:

a) Dashboard 1 - Trip Count for top 10 start point and end point locations updated on user click on the plots.

b) Dashboard 2 - Interactive dashboard for user types based on Trip start and end times.

Observations: Popular start and end times for subscribers are around 8 am in morning and 6 pm in evening. While for customers it range throughout the day.

Story: The analysis is done on dataset for the month of January 2019.The observations are as follows:

* The number of trips are more during mid-month - Week 2 and week 3.
* Peak hours for subscribers to start/end a trip is around 8 am and 6 pm every day while it varies throughout the day for customers.
* The age is a calculated field. There is some error in the dataset as the age of the users varies from 16 to 131 years.
* Majority of riders have not mentioned gender while registering for a bike. So, max riders have gender as not defined.

**Observations about the data**:

1. Some info in the datasets are not true or entered correctly while registering. Due to which the Age of the biker varies and goes beyond 100.
2. Some trips are more than 10 days, it looks like the rider kept the bike for more fun in the city!The plot in worksheet “User count by users type” summarizes that the data is not correct, since the user type is mentioned by Trip ID but not by user ID. So this data is not correct and could lead to bad analysis
3. Majority of riders have not mentioned gender while registering for a bike. So, max riders have gender as not defined.
4. Only date of birth is given, so created a calculated field “Age”
5. The gender is specified as 0,1,2 and changed it to “Male”, “Female” and “Not Defined” for analysis purpose in the data column.