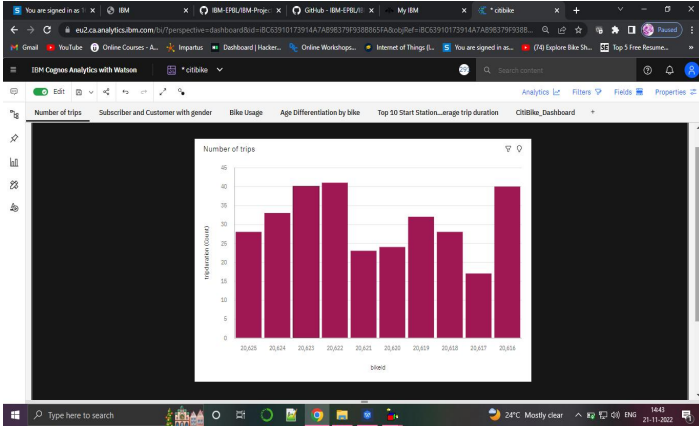
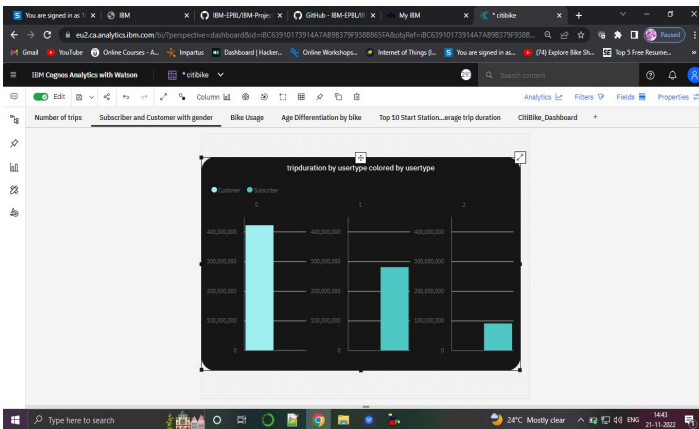


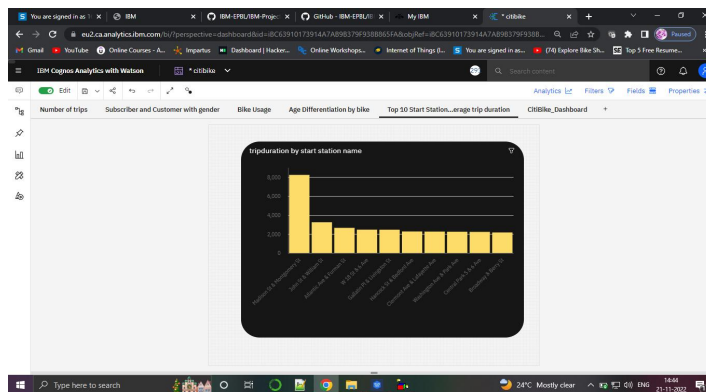
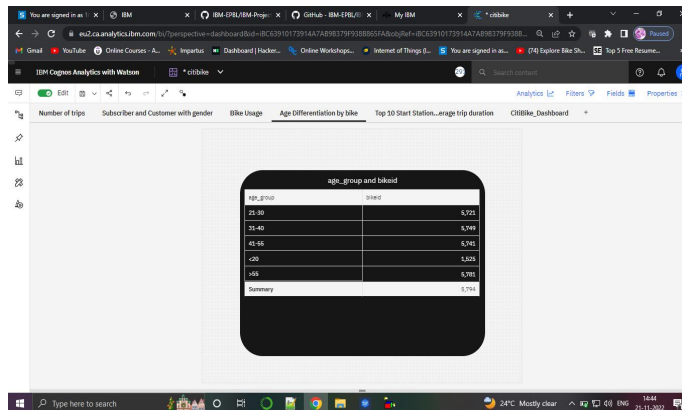
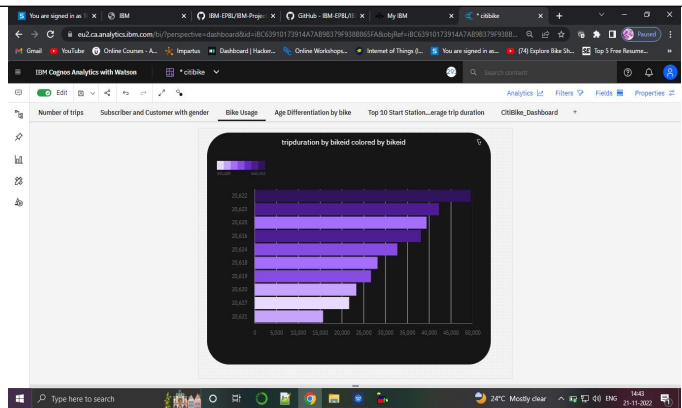
## Project Development Phase Model Performance Test

|               |  |
|---------------|--|
| Date          | 10 November 2022   |
| Team ID       | PNT2022TMID17752   |
| Project Name  | A New Hint To Transportation-Analysis of the NYC Bike Share System |
| Maximum Marks | 10 Marks   |

### Model Performance Testing:

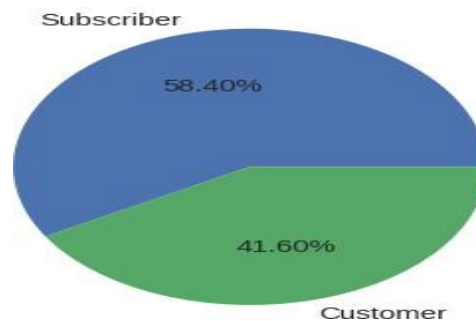
Project team shall fill the following information in model performance testing template.

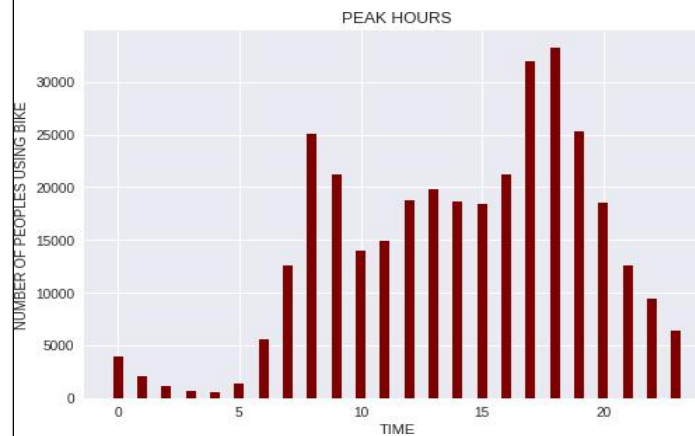
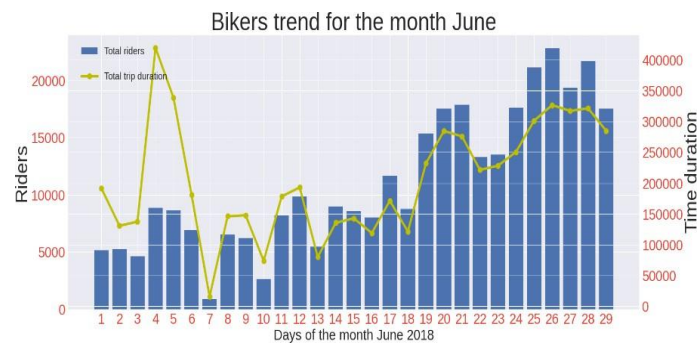
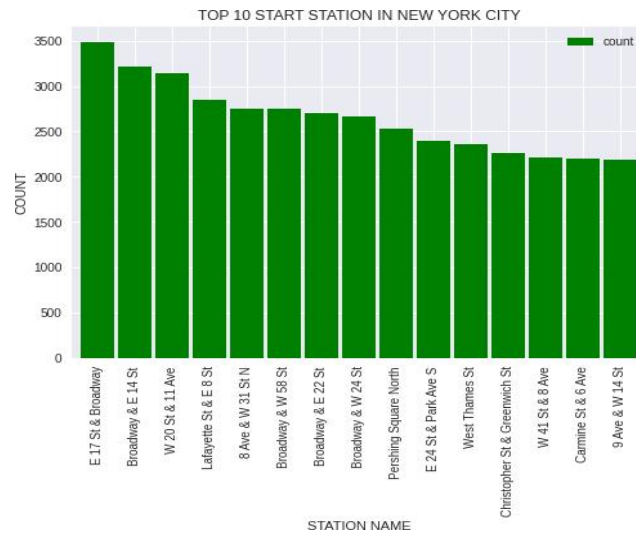
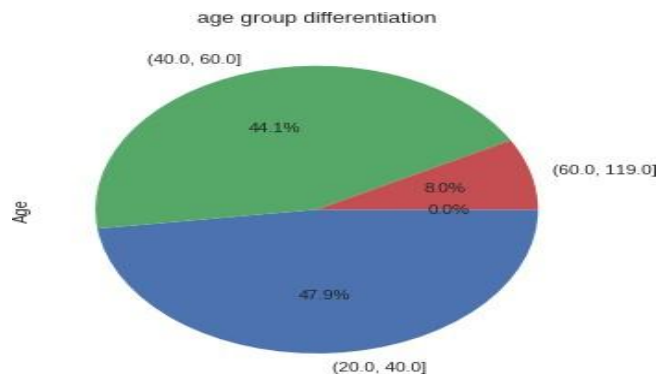
| S.No. | Parameter        | Screenshot / Values  |
|-------|------------------|--|
| 1.    | Dashboard design | <p>No of Visualizations / Graphs - 12</p> <p>Using IBM Cognos</p>   |

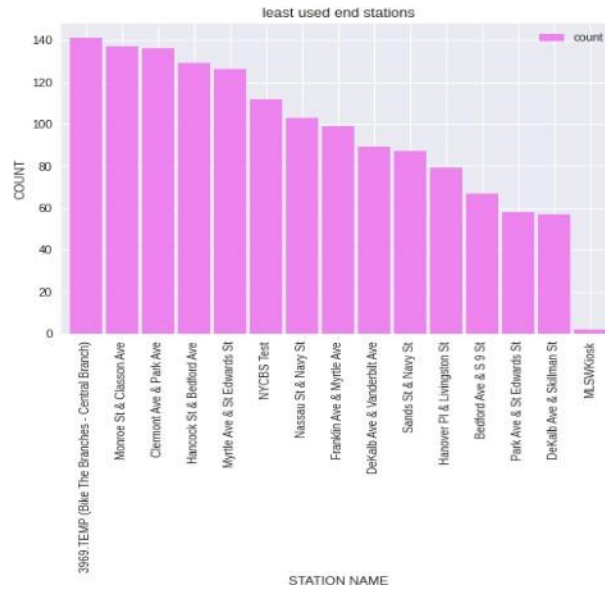


Using Google Colab

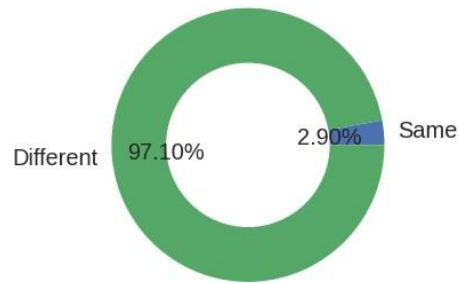
## Subscribers vs Customers







Same start and end location vs Different start and end location



|    |                                       |  |
|----|---------------------------------------|--|
| 2. | Data Responsiveness                   | <p>The Data Set Contains 15 features and 430583 records and each feature represents</p> <ol style="list-style-type: none"> <li>1. Trip Duration (seconds) — How long a trip lasted</li> <li>2. Start Time and Date</li> <li>3. Stop Time and Date</li> <li>4. Start Station Name</li> <li>5. End Station Name</li> <li>6. Station ID - Unique identifier for each station</li> <li>7. Station Lat/Long - Coordinates</li> <li>8. Bike ID - unique identifier for each bike</li> <li>9. User Type (Customer = 24-hour pass or 3-day pass user; Subscriber = Annual Member) - Customers are usually tourists, subscribers are usually NYC residents</li> <li>10. Gender (Zero=unknown; 1=male; 2=female) - Usually unknown for customers since they often sign up at a kiosk</li> <li>11. Year of Birth - Self-entered, not validated by an ID.</li> </ol> |
| 3. | Amount Data to Rendered (DB2 Metrics) | IBM Db2 on Cloud is a fully managed public cloud service on IBM Cloud. As a relational database, it delivers fast query processing with enterprise-level performance and capabilities for online transactional processing (OLTP). IBM db2 is to create Dashboard,Report,Story,Visualization and exploratory data analytics(EDA).   |
| 4. | Utilization of Data Filters           | Utilization Of Data Filters-15   |
| 5. | Effective User Story                  | No of Scene Added - 3  |

## DASHBOARD:

