GOVERNMENT ARTS COLLEGE (AUTONOMOUS)

COIMBATORE – 6410018

DEPARTMENT OF MATHEMATICS

NAAN MUDHALVAN COURSE: DATA ANALYTICS WITH TABLEAU

CLASS: III YEAR B.Sc. Mathematics – SEMESTER: 5

PROJECT REPORT

(PROJECT DOCUMENTATION)

NM TEAM NUMBER : 07

NM ID : NM2023TMID24948 [A6DED74F79EDB01A11E49406CB099A1D]

NM PROJECT TITLE : VOYAGE VISTA ILLUMINATING INSIGHTS FROM UBER EXPEDITIONARY ANALYSIS

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SUBMITTED TO

Smart bridge Educational Services Pvt.Ltd.

Project Report Template

Voyage Vista Illuminating Insights from Uber Expeditionary Analysis

INTRODUCTION

1.1 Overview

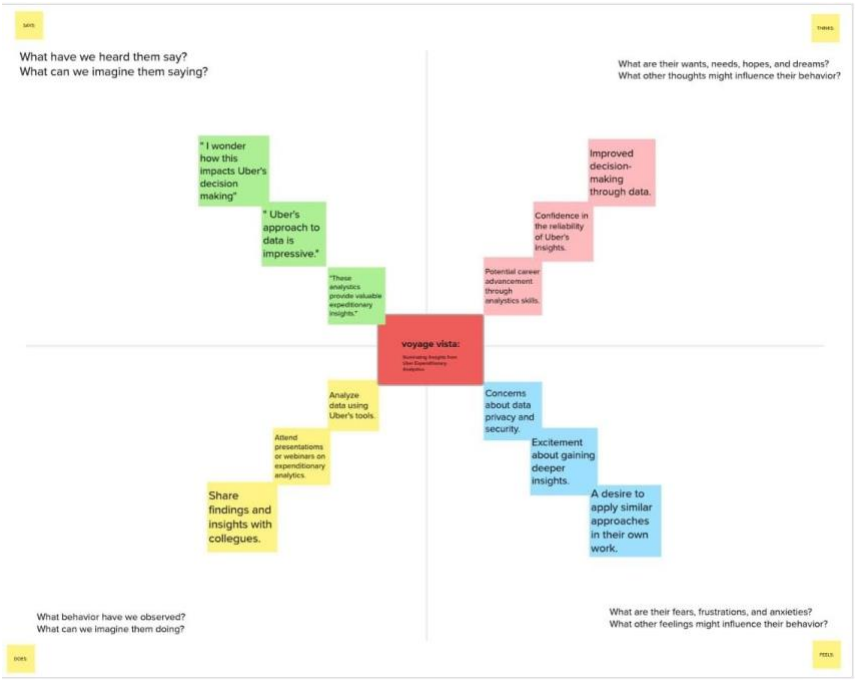
Voyage Vista is an innovative analysis conducted by Uber that provides illuminating insights from their expeditionary efforts. It involves examining data and trends to gain a deeper understanding of various aspects related to transportation and mobility. This analysis helps Uber make informed decisions, improve their services, and enhance the overall experience for users like you and me. It's fascinating to see how data analysis can lead to valuable insights and drive positive changes in the transportation industry.

1.2 Purpose

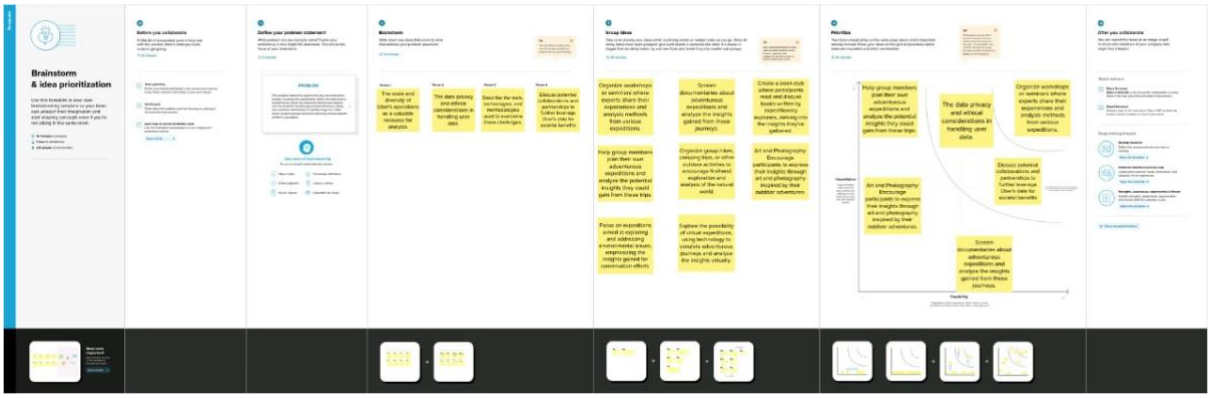
Illuminating Insights from Uber Expeditionary Analysis, we can achieve a better understanding of transportation and mobility trends, identify areas for improvement in Uber's services, and make informed decisions to enhance the overall user experience. It helps Uber gather valuable data and insights to optimize their operations, expand their reach, and provide more efficient and convenient transportation options for users like you and me. It's exciting to see how this analysis can drive positive changes in the transportation industry.

Problem Definition & Design Thinking

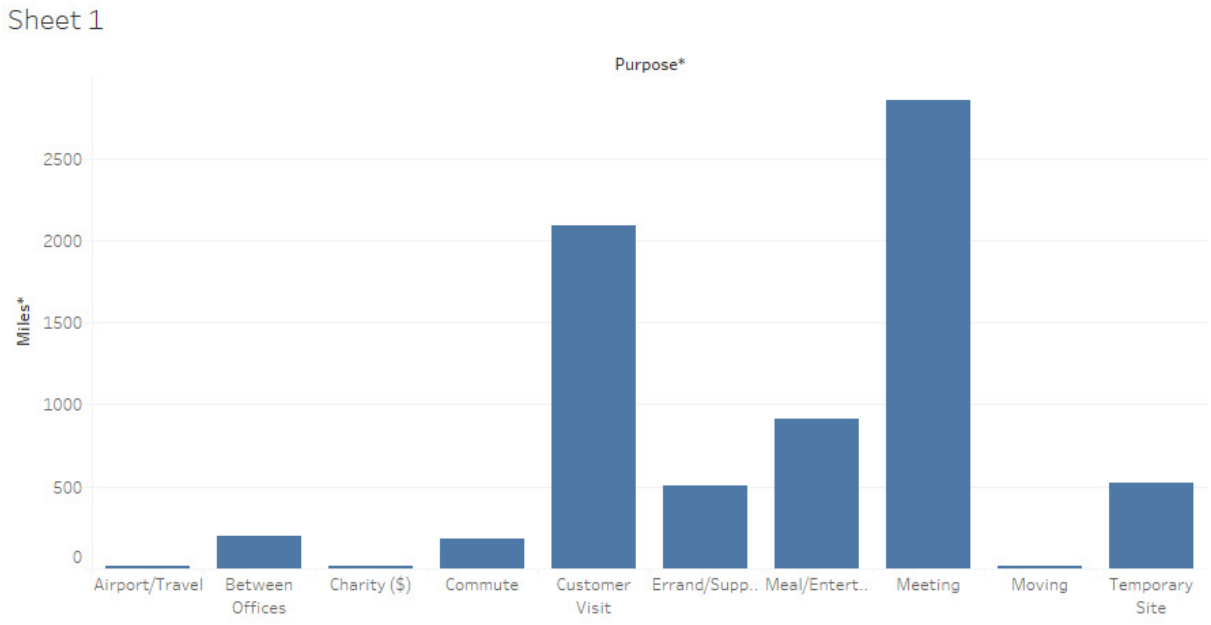
2.1 Empathy Map



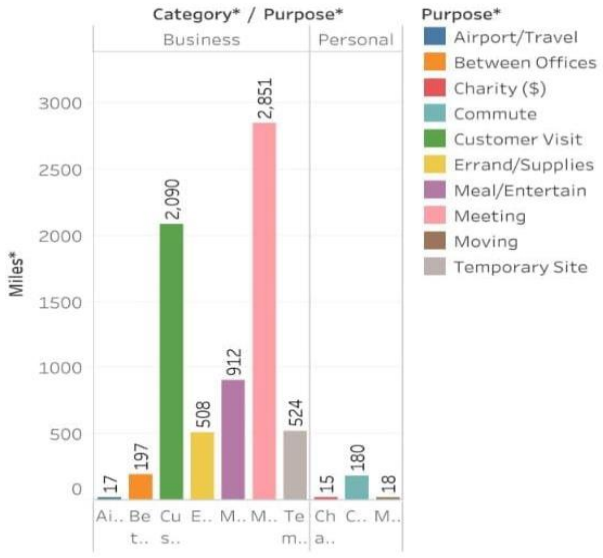
2.2 Ideation & Brainstorming Map



RESULT

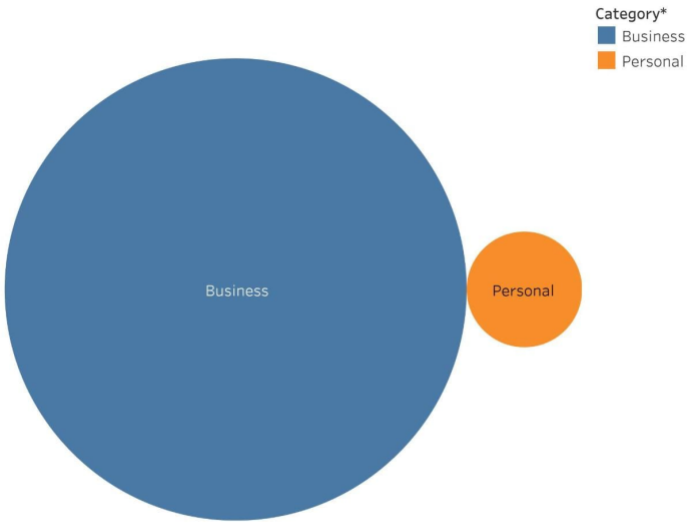


Sum of Miles* for each Purpose*. The view is filtered on Purpose*, which excludes Null.



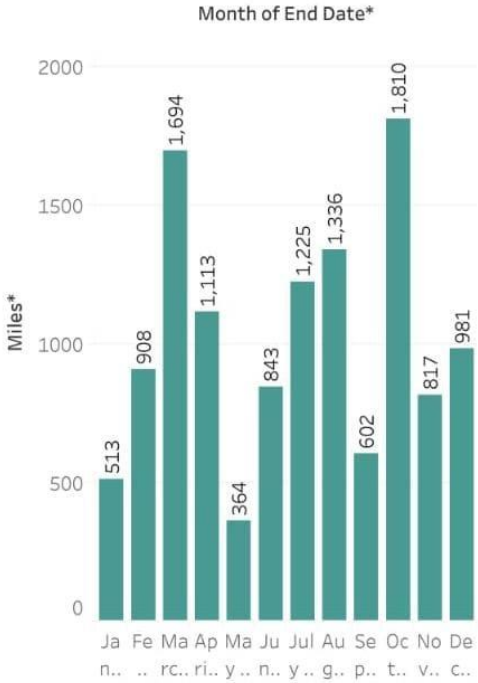
Sum of Miles* for each Purpose* broken down by Category*. Color shows details about Purpose*. The view is filtered on Category* and Purpose*. The Category* filter keeps Business and Personal. The Purpose* filter excludes Null.

CATEGORY OF MILES

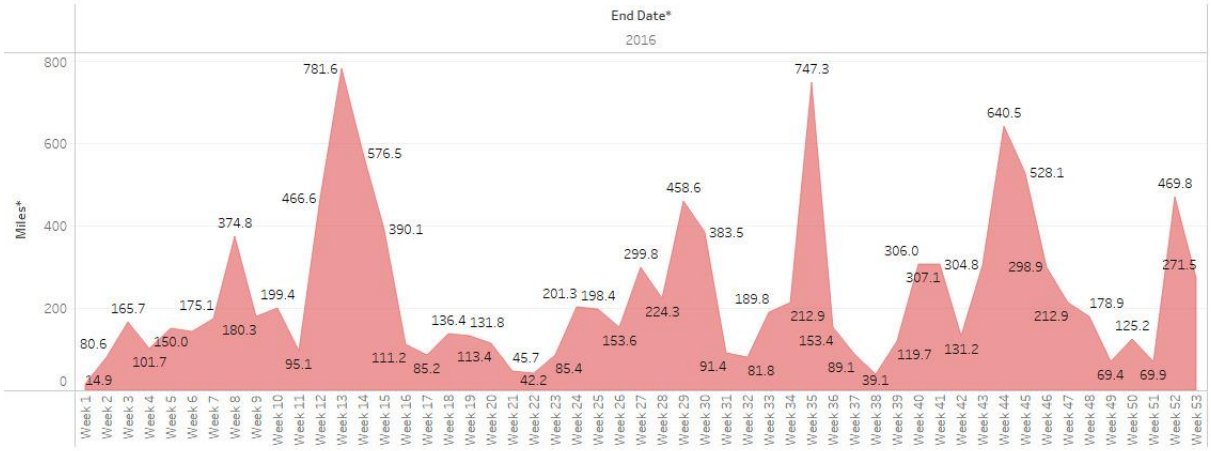


Category*. Color shows details about Category*. Size shows sum of Miles*. The marks are labeled by Category*. The view is filtered on Category*, which keeps Business and Personal.

MONTH WISE MILES

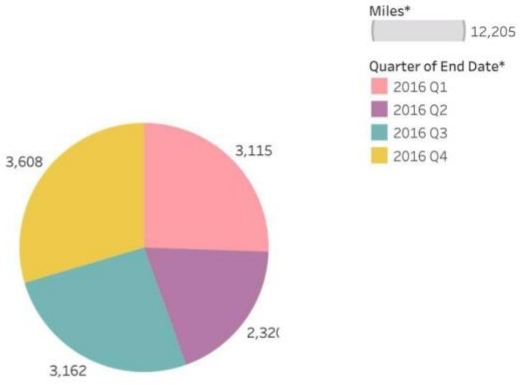


Sum of Miles* for each End Date* Month. The data is filtered on End Date* Year, which keeps 2016.



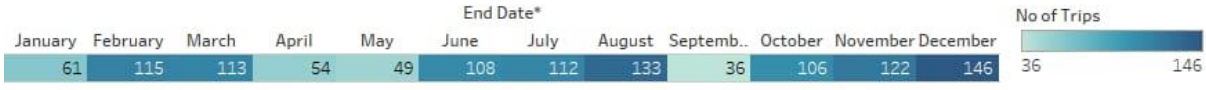
Sum of Miles* for each End Date* Week broken down by End Date* Year. The view is filtered on End Date* Year, which keeps 2016.

PIE CHART OUARTER WISE MILES



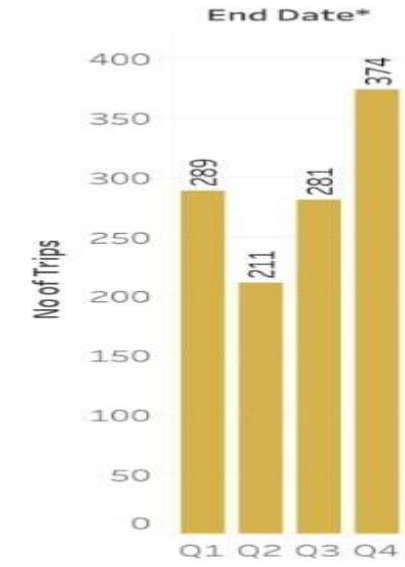
End Date* Quarter (color) and sum of Miles* (size). The data is filtered on End Date* Year, which keeps 2016.

NO OF TRIPS PER MONTH



No of Trips broken down by End Date* Month. Color shows No of Trips. The marks are labeled by No of Trips. The data is filtered on End Date* Year, which keeps 2016.

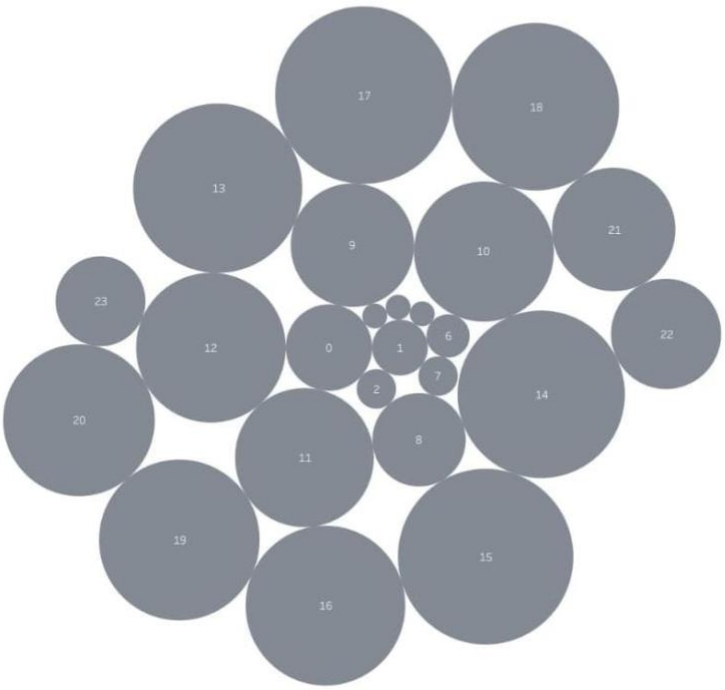
QUARTER WISE MILES



No of Trips for each End Date* Quarter. The data is filtered on End Date* Year, which keeps 2016.

UBER TRIPS

IN Q4,MORE UBER TRIPS HAS BEEN TOOK PLACE	IN DECEMBER,MORE NUMBER OF UBER TRIPS HAVE BEEN TA..	UBER IS BUSY FROM 3-7 PM

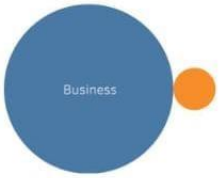


UBER DRIVES ANALYSIS

NEXT

QUARTER WISE MILES

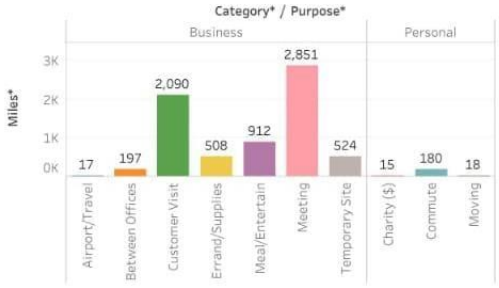
CATEGORY OF MILES



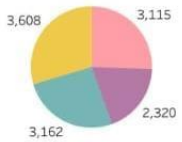
NO OF TRIPS PER MONTH

UBER DRIVES ANALYSIS

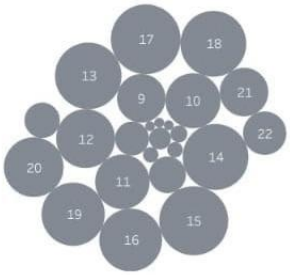
PREVIOUS



PIE CHART OUARTER WISE MILES



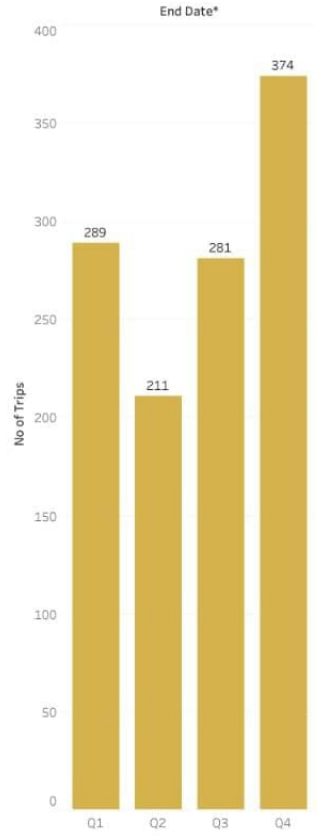
HOUR WISE MILES



MONTH WISE MILES

UBER TRIPS

IN Q4,MORE UBER TRIPS HAS BEEN TOOK PLACE | IN DECEMBER,MORE NUMBER OF UBER TRIPS HAVE BEEN TA.. | UBER IS BUSY FROM 3-7 PM



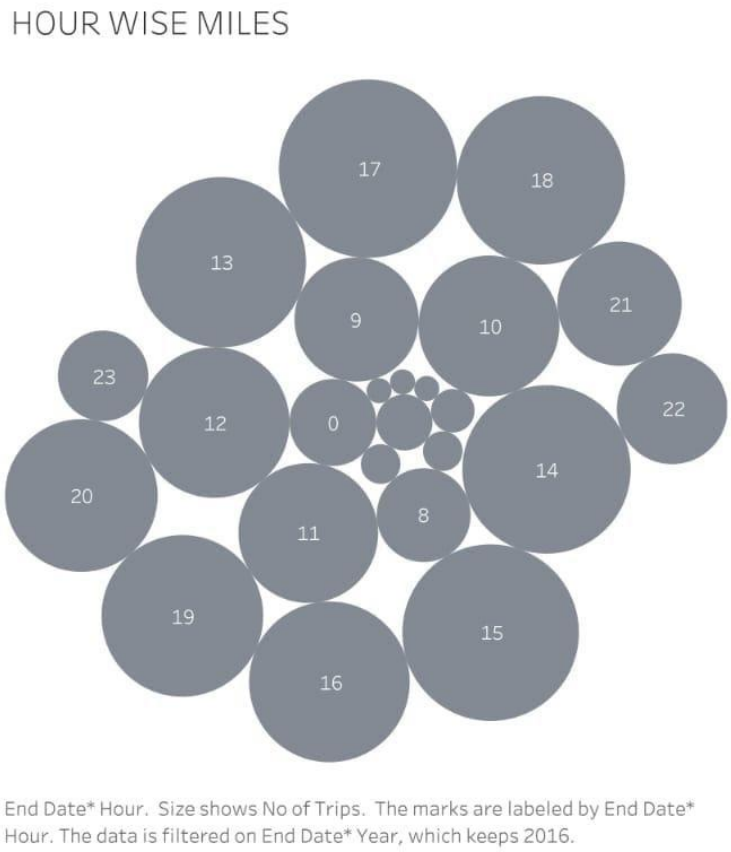
UBER TRIPS

IN Q4,MORE UBER TRIPS HAS BEEN TOOK PLACE | IN DECEMBER,MORE NUMBER OF UBER TRIPS HAVE BEEN TA.. | UBER IS BUSY FROM 3-7 PM

End Date*

January	February	March	April	May	June	July	August	Septemb..	October	November	December
61	115	113	54	49	108	112	133	36	106	122	146

No of Trips
36 146



ADVANTAGES AND DISADVANTAGES

Advantages: Illuminating Insights from Uber Expeditionary Analysis include gaining valuable insights into transportation and mobility trends, improving Uber's services, and enhancing the overall user experience. It helps Uber make informed decisions and optimize their operations to provide more efficient and convenient transportation options.

Disadvantages: one potential drawback could be the extensive data collection process involved in conducting the analysis. This may raise concerns about privacy and data security. However, it's important to note that Uber takes privacy seriously and implements measures to protect user data.

Overall, the advantages of Voyage Vista outweigh the potential disadvantages, as it enables Uber to deliver better services and contribute to the development of the transportation industry.

APPLICATION

Areas where this solution can be applied

Salt Lake City, known for its vibrant culture and growing economy, could greatly benefit from Voyage Vista: Illuminating Insights from Uber Expeditionary Analysis. By analyzing transportation and mobility trends in the city, Uber can gain valuable insights to improve their services and address specific needs of Salt Lake City residents. This analysis can help Uber optimize their operations, expand their reach, and provide more efficient and convenient transportation options for the people of Salt Lake City. It's exciting to think about the positive impact this could have on the city's transportation ecosystem!

CONCLUSION

In conclusion, Voyage Vista: Illuminating Insights from Uber Expeditionary Analysis is a powerful tool that provides valuable insights into transportation and mobility trends. It helps Uber improve their services, make informed decisions, and enhance the overall user experience. By analyzing data and trends, Uber can optimize their operations and provide more efficient and convenient transportation options. It's exciting to see how this analysis can drive positive changes in the transportation industry, benefiting both Uber and its users.

FUTURE SCOPE

Absolutely! There are always opportunities for enhancements in Voyage Vista: Illuminating Insights from Uber Expeditionary Analysis. In the future, Uber could further refine their data collection methods to ensure privacy and data security. They could also expand the analysis to include more cities and regions, providing a broader understanding of transportation and mobility trends. Additionally, incorporating real-time data and advanced analytics could offer even more accurate and timely insights. The possibilities for improvement are endless, and it's exciting to think about the potential advancements in this field!