Project Report

Voyage Vista : Illuminating Insights From Uber Expeditionary Analysis

(Team NM ID: NM2023TMID15129)

Team Members

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1 INTRODUCTION

1.1 Overview

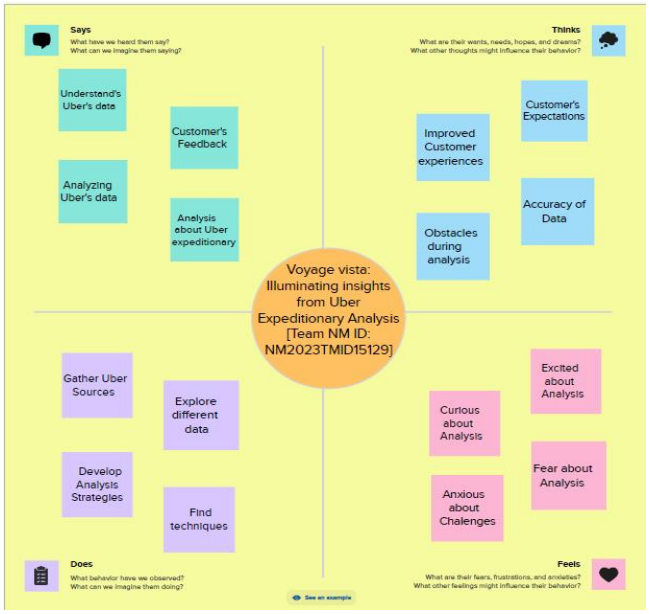
Uber is a multinational transportation network company that operates a ride-hailing platform. It was founded in 2009 by Garrett Camp and Travis Kalanick and is based in San Francisco, California. Uber provides a convenient way for individuals to request rides from drivers who use their own personal vehicles.

1.2 Purpose

Uber Driver Analysis refers to the Analyzing the number of trips taken by Uber drivers can provide insights into their overall activity and the demand for rides in specific areas.

2 Problem Definition & Design Thinking

2.1 Empathy Map



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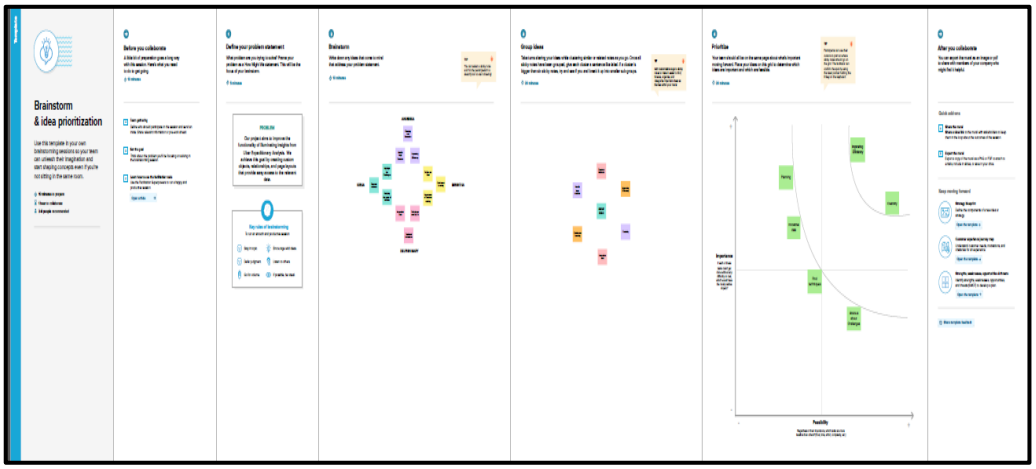
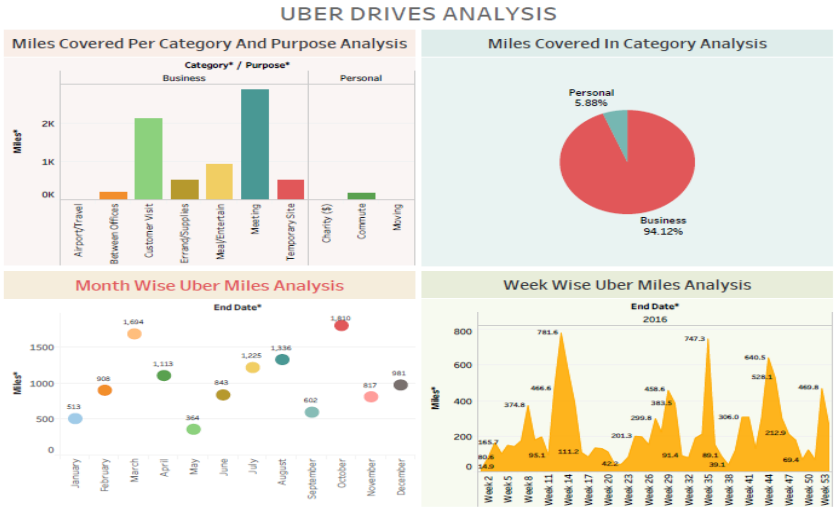
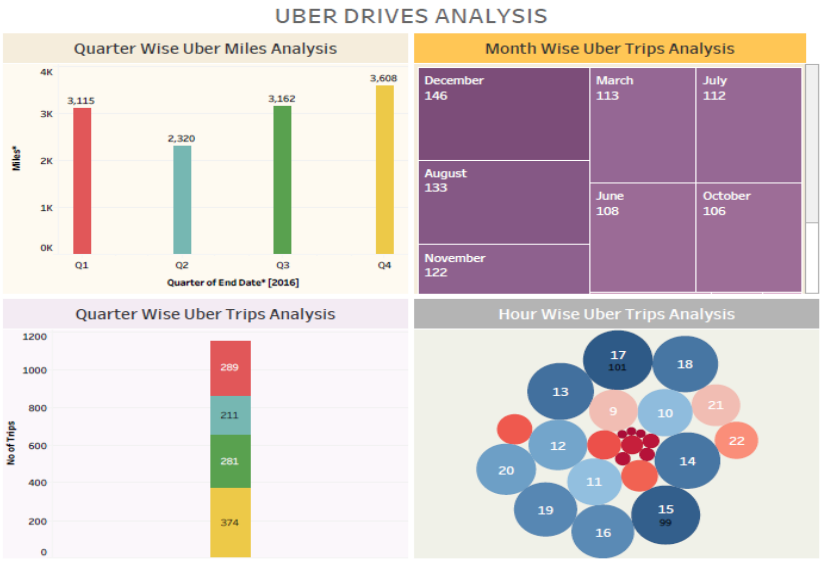
2.2 Ideation & Brainstorming Map



3 RESULT





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4 ADVANTAGES & DISADVANTAGES

- Flexible work hours
- You can work when you want and as often as you want
- Potential to earn a substantial income
- No need to worry about marketing or advertising your services
- Opportunity to meet people from all over the world
- Increased competition among driver
- The need to maintain a vehicle that meets Uber's standards
- The possibility of receiving negative reviews
- Expenses for gas, maintenance, and insurance
- Uncertainty about the payment rate for each ride

5 APPLICATIONS

Uber is a transportation company with an app that allows passengers to hail a ride and drivers to charge fares and get paid. More specifically, Uber is a ridesharing company that hires independent contractors as drivers.

6 CONCLUSION

- In December more number of Uber trips have been taken place
- For “Meeting” purpose Uber covers the highest miles.
- In Business category Uber covers the highest number of miles. That is It covers 11,487 miles.
- In the year of 2016, Uber covers the highest miles in 13th week. It covers approximately 780 miles.
- Maximum Number of miles covered by Uber drives in 4th quarter of the year.

7 FUTURE SCOPE

We can use this data for training a model using ML and building a smart AI based predictive system. Model can automatically send the insights to the authorities or drivers related to areas having most trips and passenger count in certain areas. This big data can be used to study passenger's behavior.

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Smart Internz

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