

Voyage Vista: Illuminating Insights Form Uber Expeditionary Analysis

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.

Uber Driver Analysis refers to the Analysing the number of trips taken by Uber drivers can provide insights into their overall activity and the demand for rides in specific areas. Daily, Weekly, or Monthly Analysis: Uber's data can be analysed on a daily, weekly, monthly basis to understand the trends and patterns of trip volumes. This analysis can help optimize driver availability during those times. Trips can be analysed based on geographic regions or specific cities to identify areas with higher demand. This analysis can help Uber drivers decide where to focus their driving efforts for maximum efficiency and profitability. The Major of our project is to use data Analysing

techniques research is carried out on Uber drives data collected from the year 2016

1.2 Purpose:

This analysis can help identify peak hours or days of high demand and optimize driver availability during those times. Trips can be analysed based on geographic regions or specific cities to identify areas with higher demand.

Problem Definition & Design Thinking :

2.1 Emapathy Map:



Brainstorm & idea prioritization

Use this template to plan your brainstorming sessions so your team can unleash their imagination and brainstorming concepts even if you're not sitting in the same room.

1. Make a topic
2. Prioritize ideas
3. Organize ideas

Define your problem statement

After brainstorming, you will have a lot of ideas. Now it's time to define your problem statement. This will help you to focus your ideas.

1. Make a topic
2. Prioritize ideas

Brainstorm

Now it's time to brainstorm. This is where you will generate a lot of ideas. You can use the ideas you generated in the previous step to help you brainstorm.

1. Make a topic
2. Prioritize ideas

Group ideas

Now it's time to group your ideas. This is where you will organize your ideas into groups. You can use the ideas you generated in the previous step to help you group your ideas.

1. Make a topic
2. Prioritize ideas

Prioritize

Now it's time to prioritize your ideas. This is where you will select the ideas that you want to pursue. You can use the ideas you generated in the previous step to help you prioritize your ideas.

1. Make a topic
2. Prioritize ideas

After you collaborate

Now it's time to collaborate. This is where you will work with your team to develop your ideas. You can use the ideas you generated in the previous step to help you collaborate.

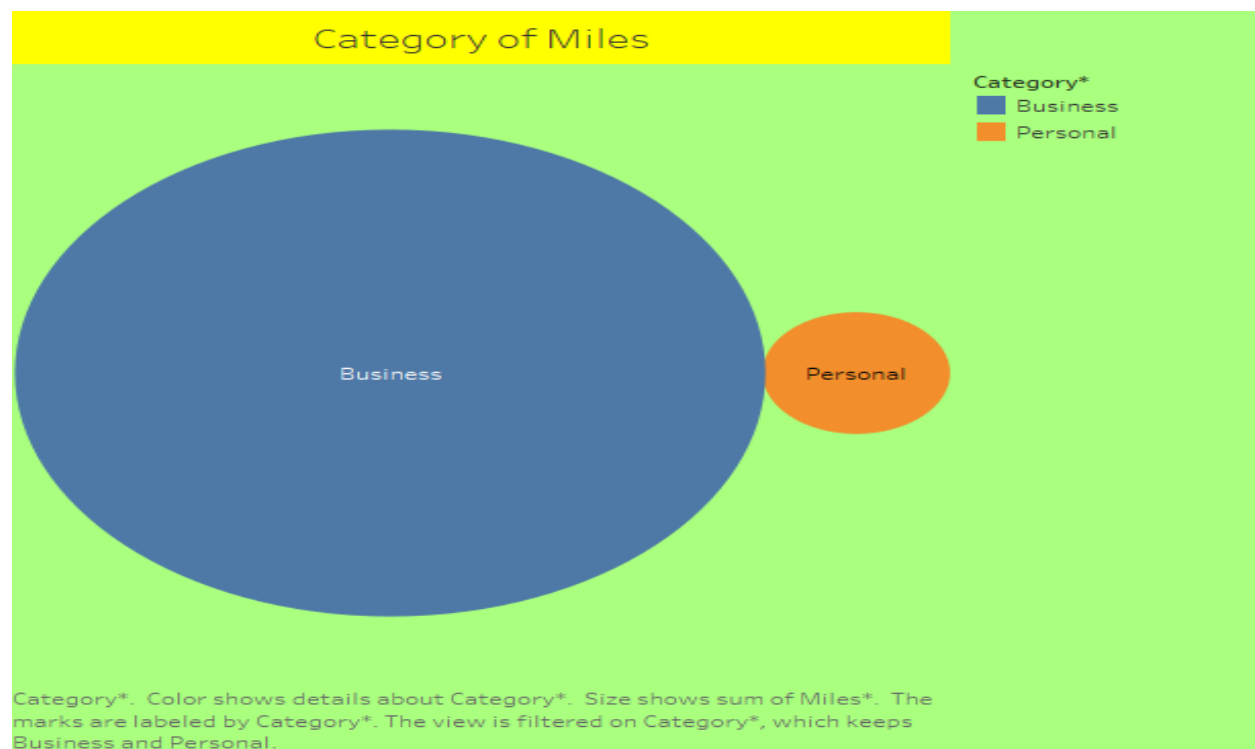
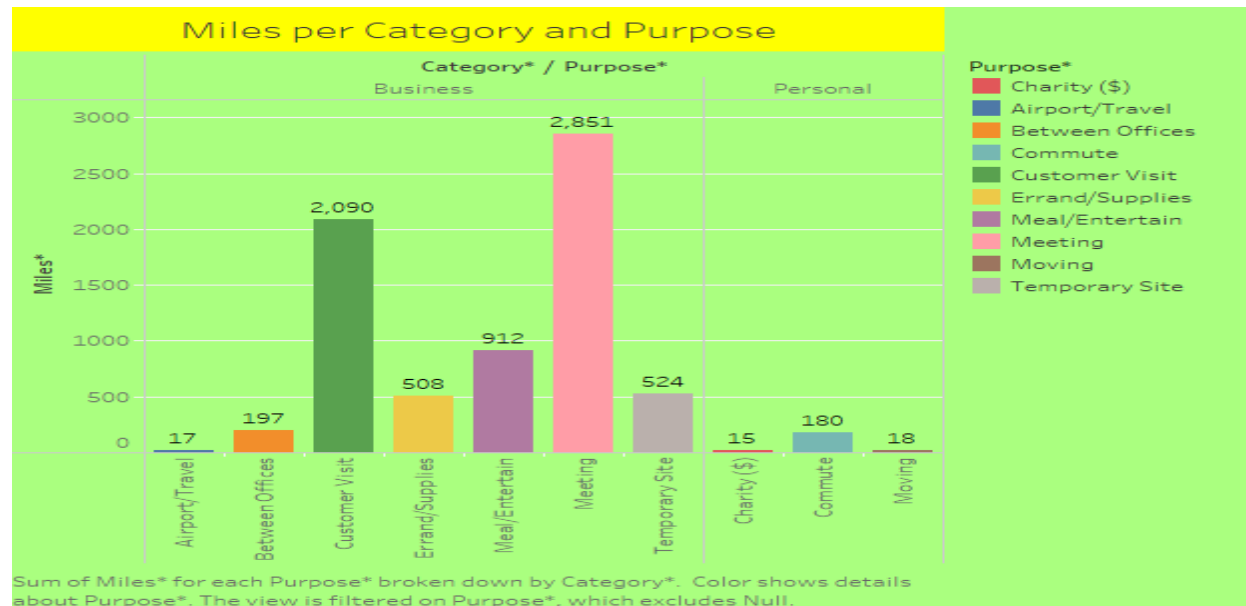
1. Make a topic
2. Prioritize ideas

After you collaborate

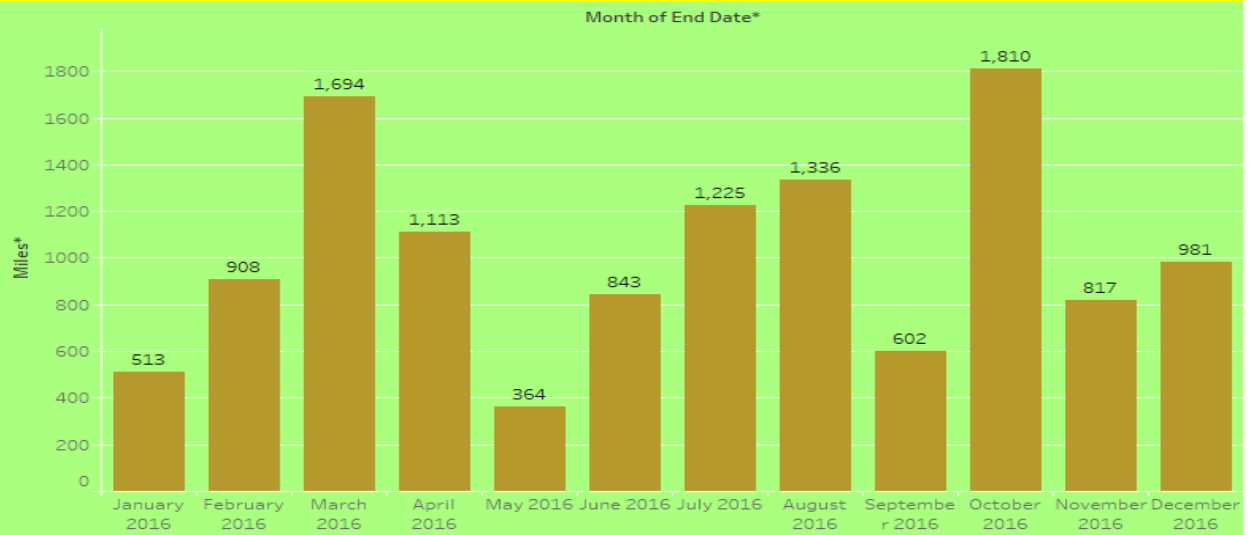
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2. Prioritize ideas

Result

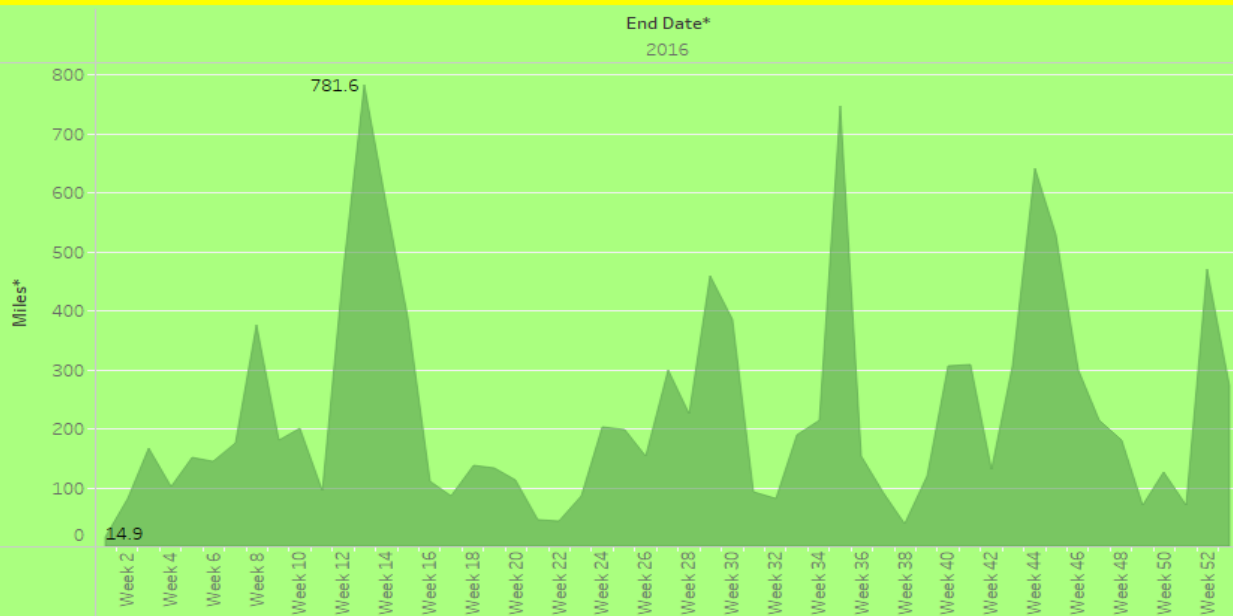


Month Wise Miles



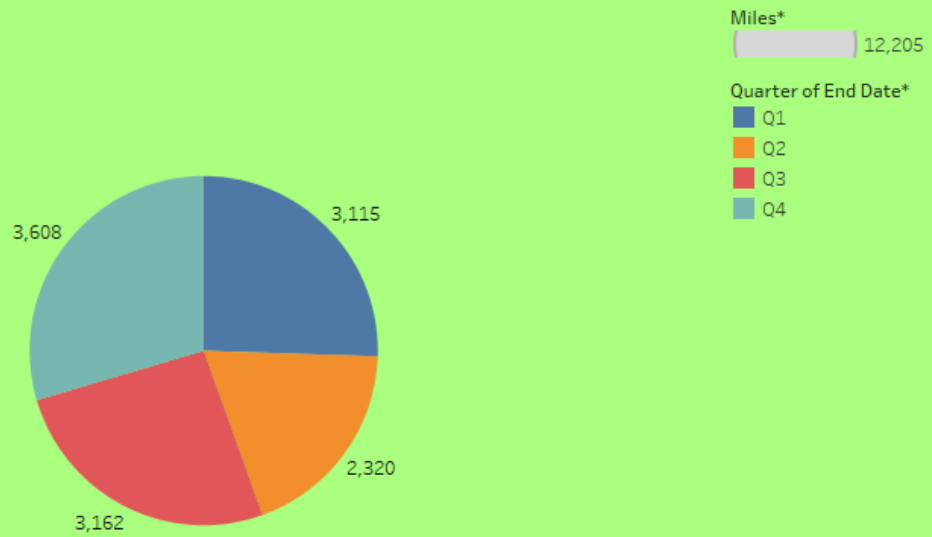
Sum of Miles* for each End Date* Month. The data is filtered on End Date* Year, which keeps 2016.

Week wise Miles Covered



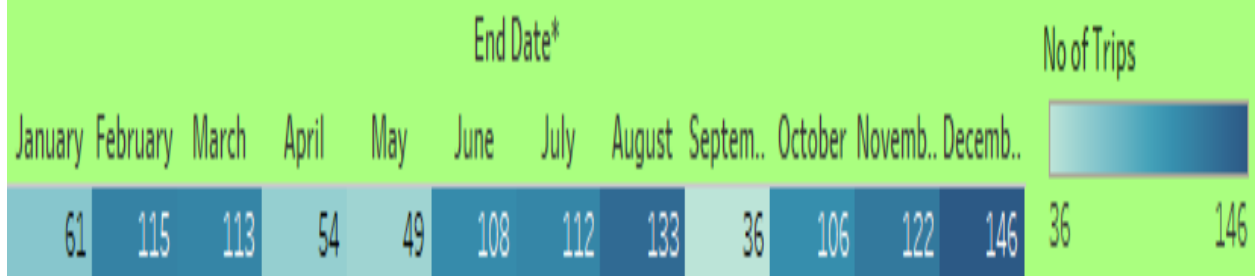
Sum of Miles* for each End Date* Week broken down by End Date* Year. The view is filtered on End Date* Year, which keeps 2016.

Quarter Wise Miles



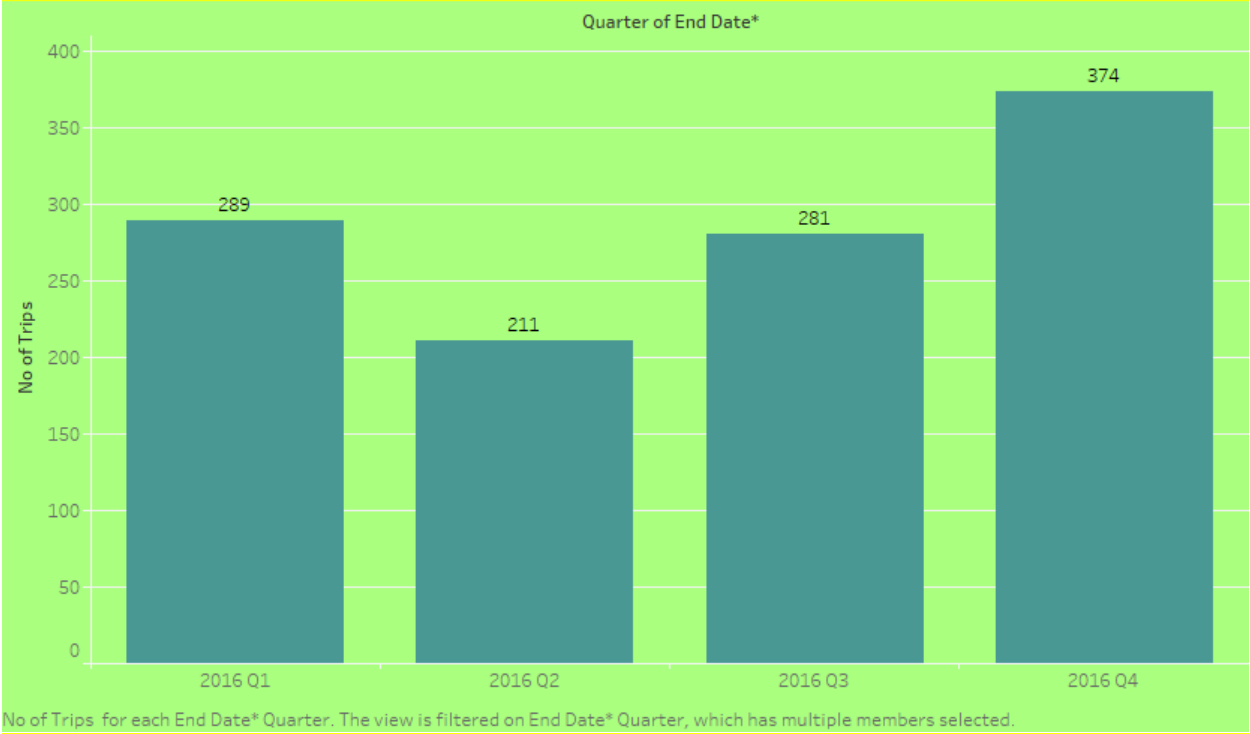
End Date* Quarter (color) and sum of Miles* (size). The data is filtered on End Date* Year, which keeps 2016.

Number of Trips per Month



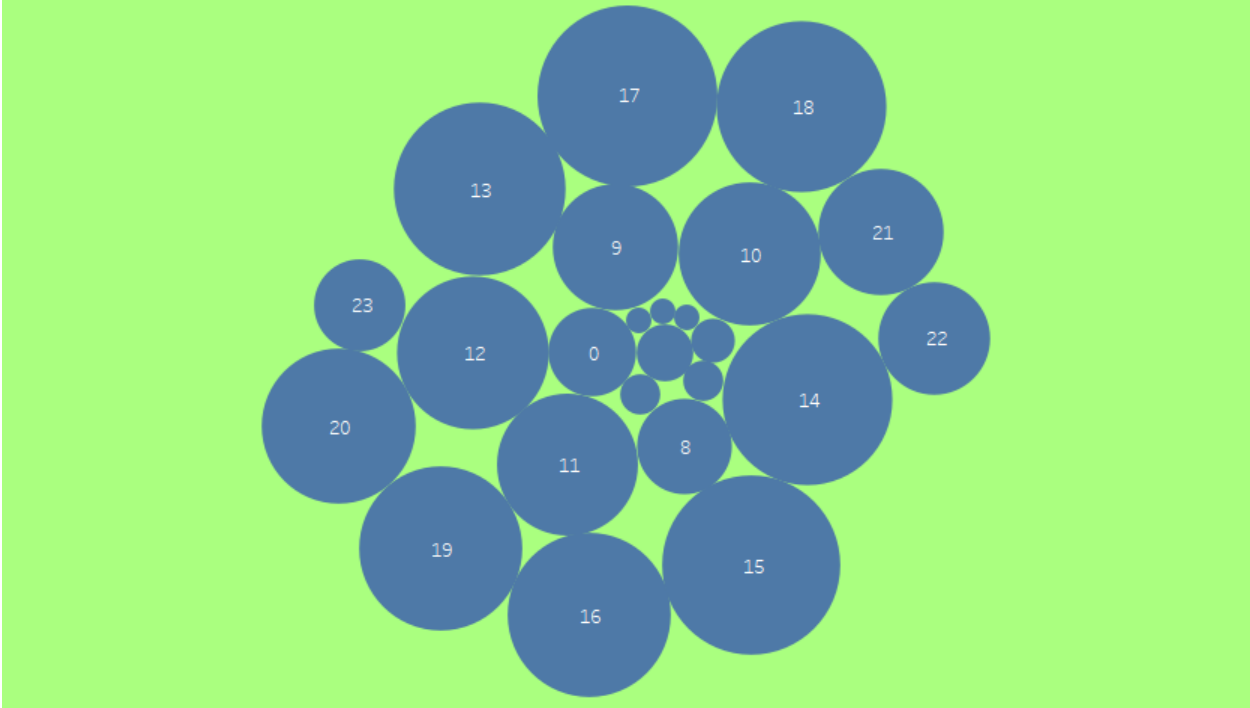
No of Trips broken down by End Date* Month. Color shows No of Trips. The marks are labeled by No of Trips. The data is filtered on End Date* Year, which keeps 2016.

Quarter Wise Trips



Hour wise Analysis

Hour wise Analysis



End Date* Hour. Size shows No of Trips . The marks are labeled by End Date* Hour. The data is filtered on End Date* Year, which keeps 2016.

Advantages:

- Door-to-door convenience, safety, and reliable quality.
- An Uber driver include having the freedom to pick your hours, meeting new people, and earning some income.
- Less expensive than a traditional car and taxi services.
- Anyone can order anything from anywhere at any time.
- Faster buying process.
- Store and product listing creation.
- Cost reduction.
- Affordable advertising and marketing.
- Flexibility for customers.
- No reach limitations.
- Product and price comparison.
- Faster response to buyer/market demands.
- Several payment modes.
- Enables easy exports.
- Speed limit alerts.
- 24/7 customer support.
- Real-time ID check.
- Phone number anonymization.
- Emergency assistance.

- GPS tracking.

Disadvantages:

- Surge pricing and the negative effects of replacing steady jobs with gig work.
- Tackling problems like poor transportation infrastructure in some cities, unsatisfactory customer experience, late cars, poor fulfillments, drivers denying to accept credit cards.
- The main drawback to app-based taxi services is that they're destroying the taxi industry.
- Under Prop 22, Uber and Lyft make workers shoulder all the costs and risks, while giving them none of the benefits.
- Uber offers more competitive perks and ways to save money.
- The money that Uber collects from fares isn't enough to pay for its revenue and operating costs.
- Uber has failed to produce a single profitable quarter since it began trading publicly.
- Higher levels of greenhouse gas emissions and traffic congestion

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.
- Once you're enrolled, you'll earn points on every Uber ride or Uber Eats order: Earn 3 points per dollar spent on Uber Black and Uber Black SUV.
- Uber Comfort gives you newer vehicles with proper legroom and highly rated, experienced drivers.

Conclusion:

Ride-sharing services like Uber have disrupted the taxi and limo industry, Uber has become a prime example of the gig economy at work. Uber's advantages include door-to-door convenience, safety, and reliable quality.

Future Scope:

Where Uber's climate and autonomous driving goals will meet in the future. Uber plans to have its U.S. fleet and all drivers go electric by 2030 or be taken off the platform. The company says it will invest \$800 million to help drivers pay for EVs, and partnerships with Ford and Hertz can help.

Appendix:

Introduction

<https://www.uber.com/in/en/about/>

Advantages

<https://www.uber.com/in/en/careers/benefits/>

Disadvantages

<https://www.uber.com/in/en/careers/>

Application

<https://www.uber.com/in/en/careers/>

Conclusion

<https://www.uber.com/us/en/drive/tax-information/tax-documents/>

Future Scope

<https://www.investopedia.com/articles/investing/110614/taxi-industry-pros-cons-uber-and-other-e-hail-apps.asp>

