



Says

What have we heard them say?
What can we imagine them saying?



Thinks

What are their wants, needs, hopes, and dreams?
What other thoughts might influence their behavior?

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 Analyzing 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 analyzed on a daily, weekly, monthly basis to understand the trends and patterns of trip volumes.

Numpy is a general-purpose array-processing package. It provides a high-performance multidimensional array object, and tools for working with these arrays. It is the fundamental package for scientific computing with Python.

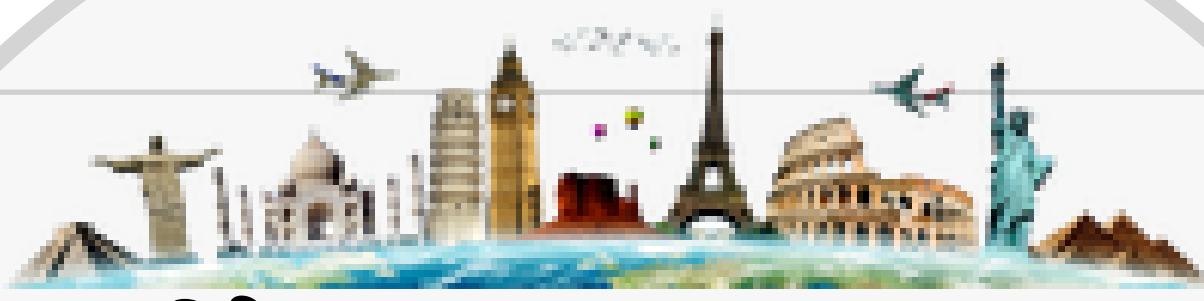
Pandas: This library helps to load the data frame in a 2D array format and has multiple functions to perform analysis tasks in one go.

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 Analyzing techniques to find unknown patterns in the Uber Drives dataset. The research is carried out on Uber drives data collected from the year 2016.

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

Matplotlib is easy to use and an amazing visualizing library in Python. It is built on NumPy arrays and designed to work with the broader SciPy stack and consists of several plots like line, bar, scatter, histogram, etc.

we will learn about *Python plotting with Matplotlib* from basics to advance with the help of a huge dataset containing information about different types of plots and their customizations.



Voyage vista :
illuminating
insights from uber
expeditionary
analysis

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.

All of this data is stored and leveraged to predict supply and demand, as well as setting fares. Uber also looks at how transportation is handled across cities and tries to adjust for bottlenecks and other common issues. Uber also gathers data on its drivers.

When you're ready to go, open the app and enter your destination. Then choose the ride option that best suits your needs. Confirm your pickup by tapping Confirm Pickup.

Tap the menu button, and then tap Free Rides. Tap Invite Friends. Select a method such as text message, email, social media, or any other option you're given. Enter your contact's name and send the message.

Uber uses MySQL as the underlying database engine for Schemaless and Docstore, our distributed databases. By default, MySQL uses the most popular InnoDB engine, a B+Tree structure for data storage.

The Uber app is built using mobile app development technologies, such as iOS and Android development frameworks, to create a user-friendly interface for riders and drivers

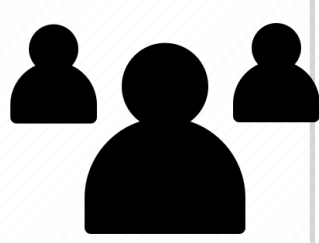
Can I pay for Uber with cash? Yes, you can pay with cash. Before requesting a ride, go to the Payment section in the app and select Cash. At the end of your trip, pay cash directly to your driver.

Uber promotions give discounts on trips with Uber. Promotions differ from vouchers and gift cards. Vouchers are provided by businesses and gift cards are applied to your Uber Cash balance (where available). If you're eligible for a promotion, you'll receive a promotion code through email or an Uber app notification.



Does

What behavior have we observed?
What can we imagine them doing?



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Feels

What are their fears, frustrations, and anxieties?
What other feelings might influence their behavior?