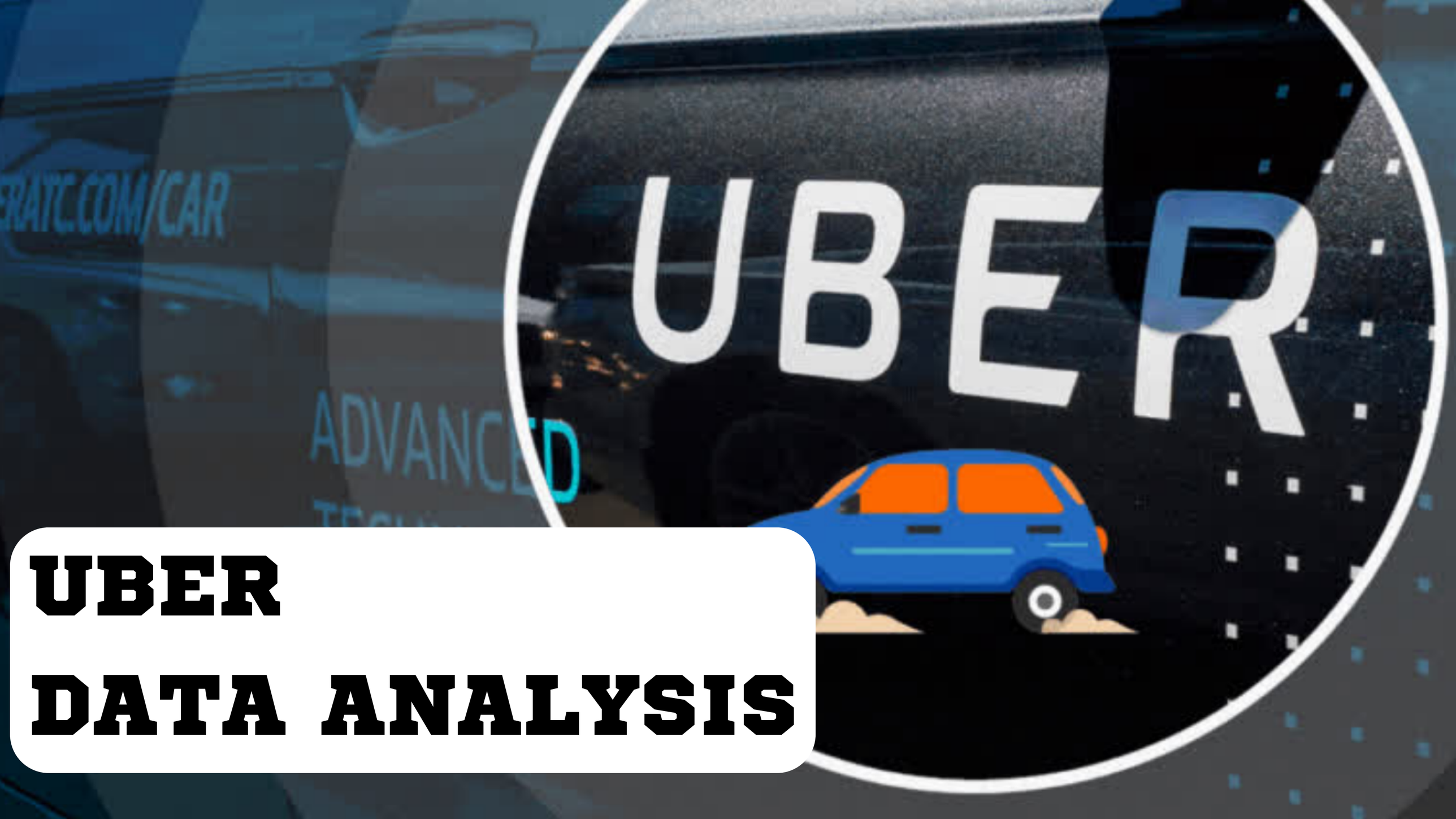


UBER DATA ANALYSIS

ABOUT UBER

Uber Technologies,Inc.**, commonly known as **Uber**, is an American technology company. Its services include ride, food delivery, package delivery, couriers etc.

Uber collects the data of customers and stored our DataBase.
It uses a data to know about the customers and make a deals and takes important decisions according to Data insights.

Uber wants to know the some insights from the data which are as follows:

* Check how long do people travel with Uber?
* What Hour Do Most People Take Uber To Their Destination?
* Check The Purpose Of Trips
* Which Day Has The Highest Number Of Trips
* What Are The Number Of Trips Per Each Day?
* What Are The Trips In The Month
* The starting points of trips. Where Do People Start Boarding their Trip From Most?

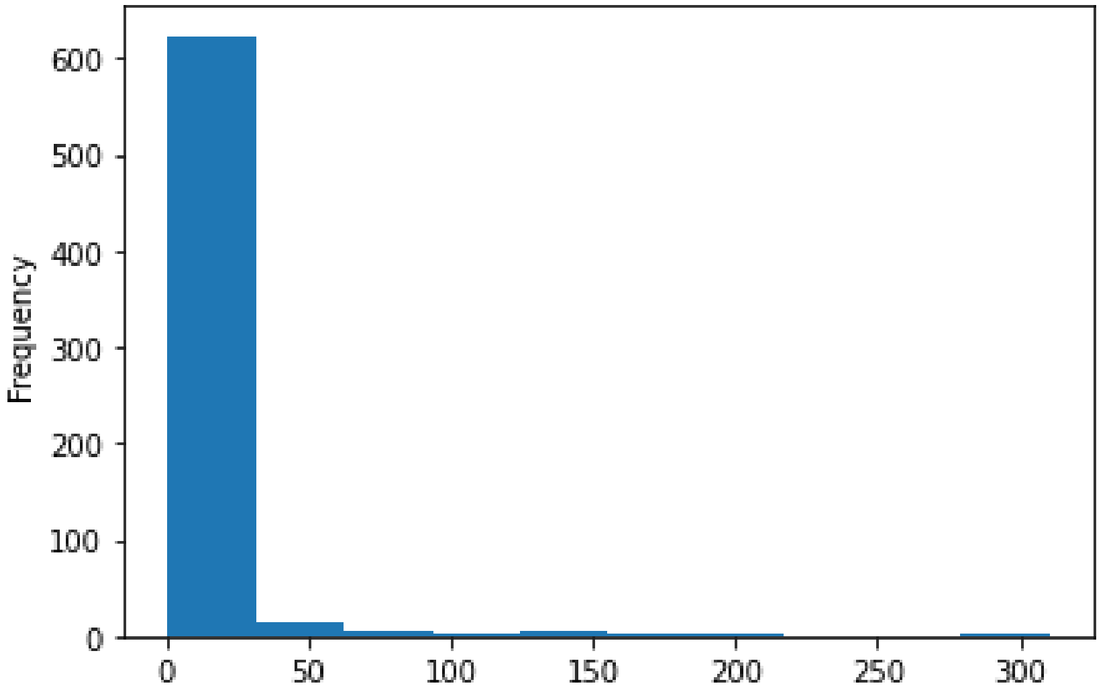
ABOUT DATA

Data we use contains- 7 Features
653 entries

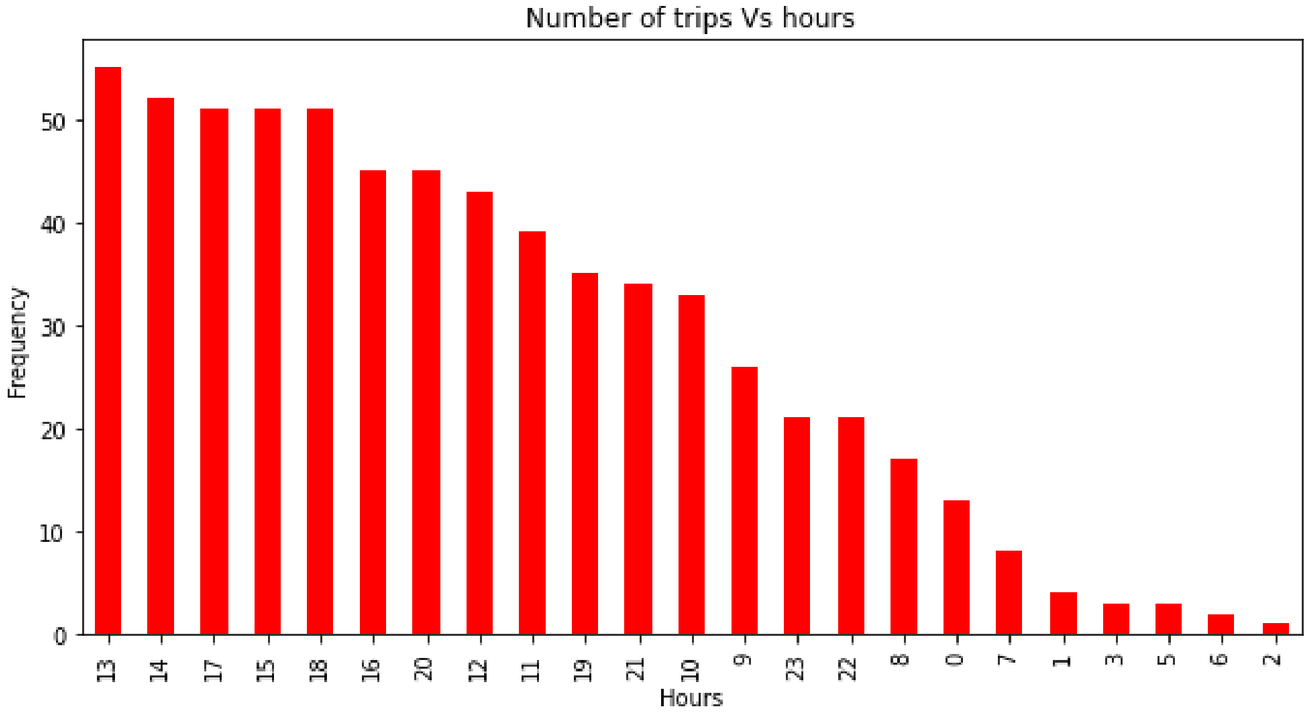
```
data.info()
```

```
<class 'pandas.core.frame.DataFrame'>
Int64Index: 653 entries, 0 to 1154
Data columns (total 7 columns):
 #   Column       Non-Null Count  Dtype         
---  ------       --------------  -----         
 0   START_DATE*  653 non-null    datetime64[ns]
 1   END_DATE*    653 non-null    datetime64[ns]
 2   CATEGORY*    653 non-null    object        
 3   START*       653 non-null    object        
 4   STOP*        653 non-null    object        
 5   MILES*       653 non-null    float64       
 6   PURPOSE*     653 non-null    object        
dtypes: datetime64[ns](2), float64(1), object(4)
memory usage: 40.8+ KB
```

ANALYSIS

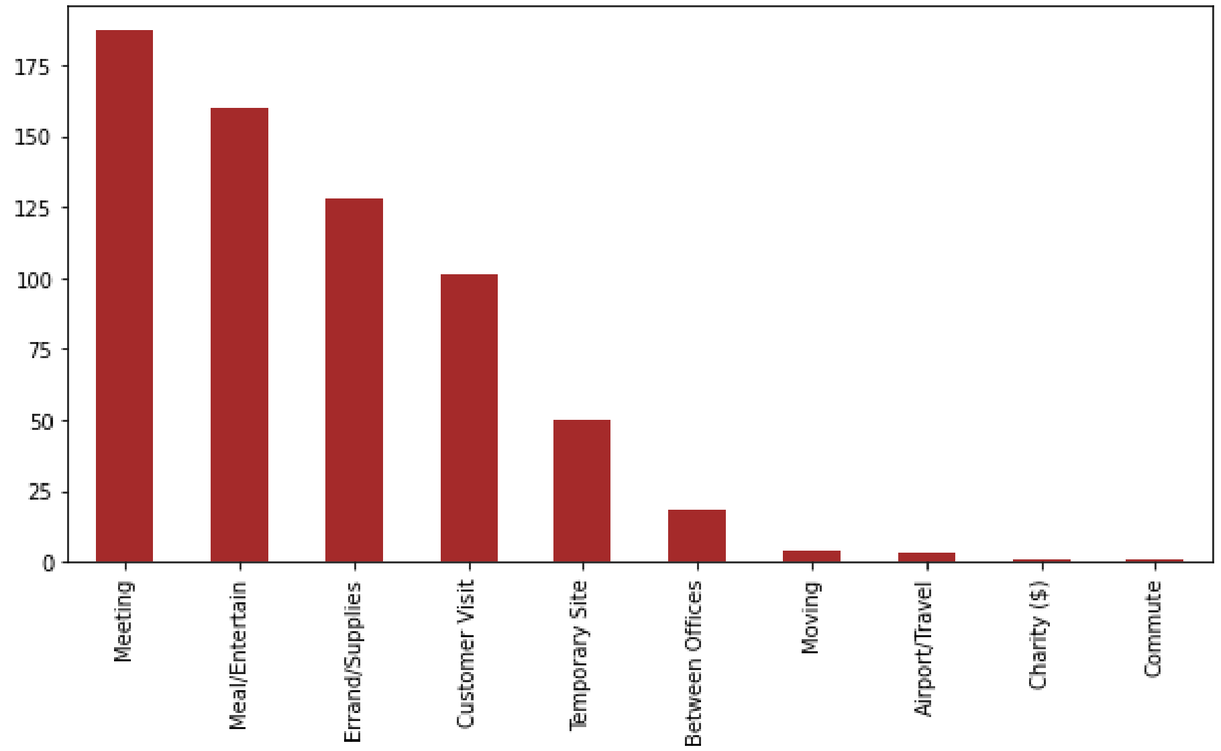


Mostly people travel in a short mile with Uber.

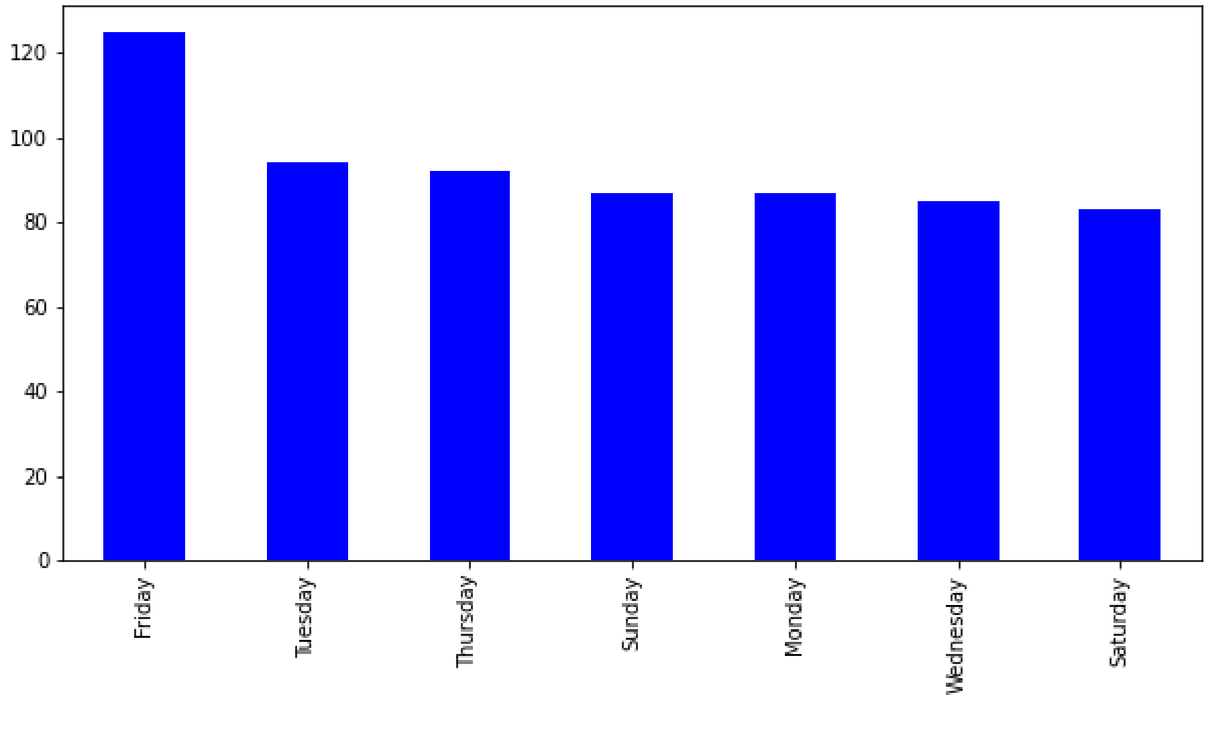


As we can see most people take Uber to their destination around the 13th hour(1pm) and the least hour is 2 am.

ANALYSIS

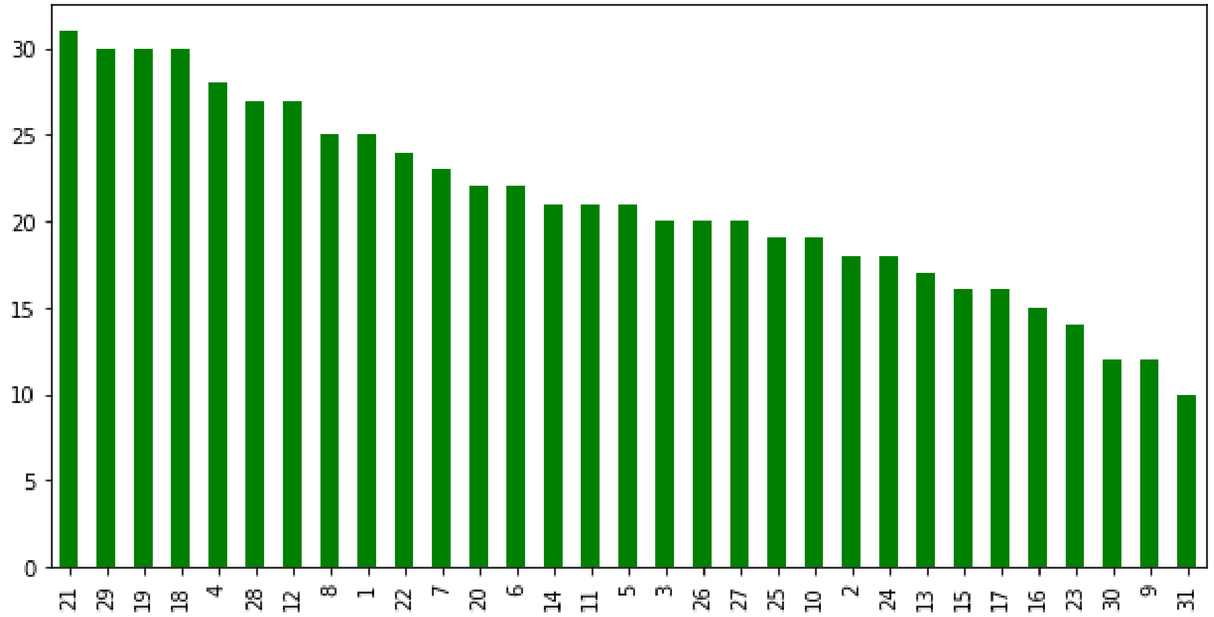


We can notice that mostly the purpose of the trip is meeting and meal/entertain

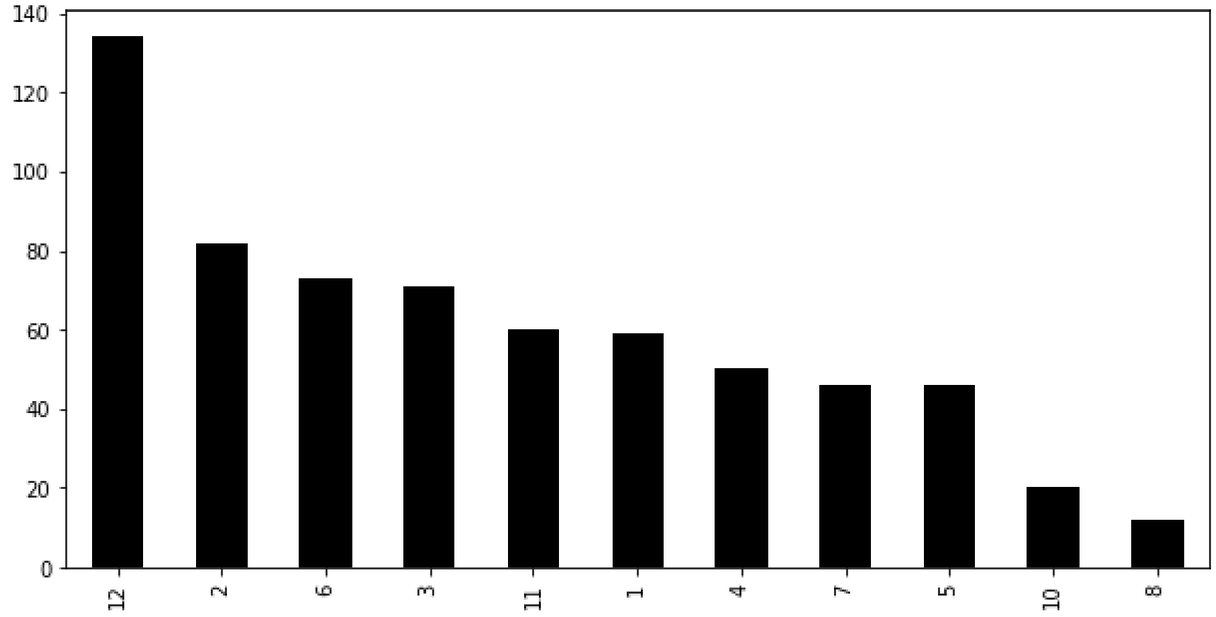


Friday has the highest number of Trips.

ANALYSIS

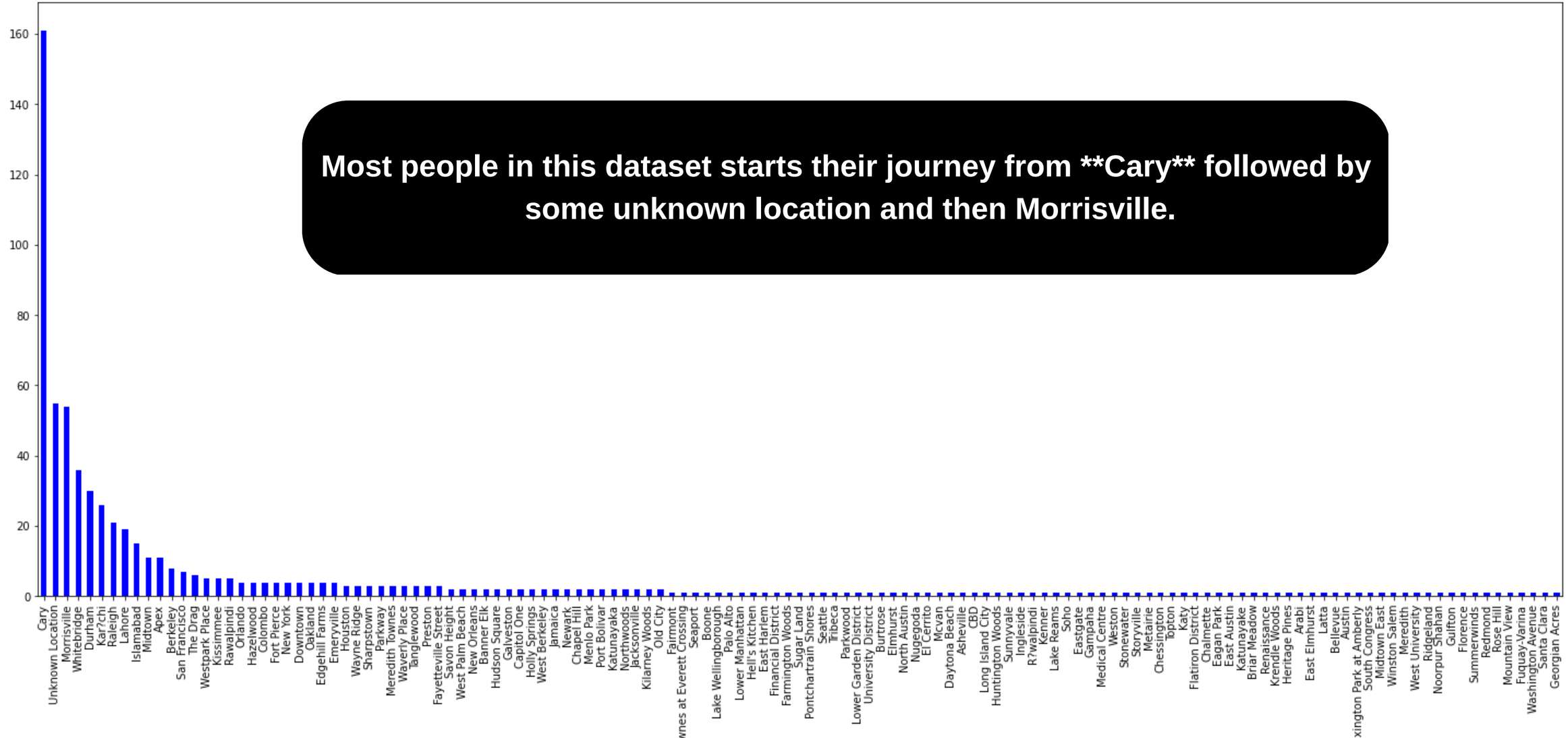


We can notice that the highest no. of trips are on 21th,19th,29,th,18th,4th of months



We can see that December(12) has the most trips.

ANALYSIS



Most people in this dataset starts their journey from **Cary followed by some unknown location and then Morrisville.**

SUMMARY

Some insights we found from the data are as follows:

- **Mostly people travel in a short mile with Uber.**
- **As we can see most people take Uber to their destination around the 13th hour(1pm) and the least hour is 2 am.**
- **We can notice that mostly the purpose of the trip is meeting and meal/entertain.**
- **So Friday has the highest number of Trips.**
- **We can notice that the highest no. of trips are on 21th,19th,29,th,18th,4th of months.**
- **We can see that December(12) has the most trips.**
- **Most people in this dataset starts their journey from **Cary** followed by some unknown location and then Morrisville.**