## Users and Stakeholders

### Taxi Drivers:

- There are approximately 1,80,000 NYC drivers. This App provides the trend of passengers in the requested interval at the nearest areas where the taxi driver can park his fleet to maximize his pickups. This query can maximize the profit of taxi drivers by reducing their waiting time. From the trend, they can decide whether the requested interval will yield them a sufficient amount of profit or not and will be very conducive to decision-making. Uncertainty virtually results in the opposite so we ensure that the results we yield are proved with probabilistic certainty through past trends. The chances of the trends falling opposite are minimal as we take years of data that is worth more than millions of points. The interactive dashboard also provides the driver to see the patterns of the price and trips on special days or seasons through time.

### Epidemiologists:

- The app helps the analysts to view the trends of the passengers before and after COVID-19 to get the influence of taxis on the pandemic. This trend would have helped them to reduce the burden of this vicious disease from permeating the environment.

### Analysts:

- Cashless payments became common across metropolitan areas. This app helps us to find the trend of how the payment mode has changed over time across various areas. From the data, we can find areas where people use cash payments across different clusters in New York City. This will help the bank identify its target people and shift them to use cashless payments.

- There is a strict decline in Yellow Cab due to the rise of Uber and Lyft. This application provides a solid trend that shows the decline of yellow cabs with the growth of mobility services like Uber and Lyft. This will be helpful to find features like price, the flexibility of timings, etc. that have ensued the downfall.