**Exploratory Data Analysis on Cab Rides**

**Problem Statement**

Exploratory data analysis is the first step in the data analysis process. It will show you how to visualize and explore your data in a systematic way.

Analyze “Cab Rides 2016 dataset" and try to find the hidden relationships among Time (Date), Miles, Purpose, start and end location, and categories.

**Data Description**

* **START\_DATE\*:** Start date of the ride
* **END\_DATE\*:** End date of the ride
* **CATEGORY\*:** Ride Category

1. Business
2. Personal

* **START\*:** Start location of the ride
* **STOP\*:** End location of the ride
* **MILES\*:** Travelling distance
* **PURPOSE\*:** Ride purpose

1. Meal/Entertain
2. Temporary Site
3. Customer Visit
4. Airport/Travel
5. Between Offices
6. Charity ($)
7. Commute
8. Errand/Supplies
9. Meeting
10. Moving

**Expected Outcome**

Following operations on the data frame are expected:

* Data Preparation
* Missing Value Treatment
* Visualization