Data Intake Report

Name: Cab Industry EDA

Report date: 2nd August 2021

Internship Batch: LISUM02

Version:<1.0>

Data intake by: Amshumann Singh

Data intake reviewer:

Data storage location: https://bitbucket.org/amshumann/vc/src/main/

**Tabular data details:**

1. Cab\_Data.csv

|  |  |
| --- | --- |
| **Total number of observations** | 359392 |
| **Total number of files** | 4 |
| **Total number of features** | 7 |
| **Base format of the file** | .csv |
| **Size of the data** | 20.1 MB |

1. City.csv

|  |  |
| --- | --- |
| **Total number of observations** | 20 |
| **Total number of files** | 4 |
| **Total number of features** | 3 |
| **Base format of the file** | .csv |
| **Size of the data** | 698 bytes |

1. Customer\_ID

|  |  |
| --- | --- |
| **Total number of observations** | 49171 |
| **Total number of files** | 4 |
| **Total number of features** | 3 |
| **Base format of the file** | .csv |
| **Size of the data** | 1.00 MB |

1. Transaction\_ID

|  |  |
| --- | --- |
| **Total number of observations** | 440099 |
| **Total number of files** | 4 |
| **Total number of features** | 3 |
| **Base format of the file** | .csv |
| **Size of the data** | 8.58 MB |

**Proposed Approach:**

* Exploratory Data Analysis for private equity firm looking to invest in the cab industry.
* Understanding the data and observing patterns to identify which cab company (Pink Cab or Yellow Cab) looks like the better investment opportunity.
* Observing profits, seasonality changes and user base for the two companies

**Assumptions Made:**

* Pink Cab and Yellow Cab have been identified as the two companies that firm is considering to invest in.
* There’s been no cab strike or closure of taxi transport during the time period the data was recorded in.
* The taxi service is within the city and does not go from one city to another.

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