

Data Intake Report

Name: G2M insight for Cab Investment firm

Report date: 7/14

Internship Batch: LISUM23: 30

Version:<1.0>

Data intake by: Terry Chou

Data intake reviewer:<intern who reviewed the report>

Data storage location: <https://github.com/TaChChou/respository1/tree/main/Week2>

Cab Data

Total number of observations	359392
Total number of files	
Total number of features	7
Base format of the file	.csv
Size of the data	20663 KB

City

Total number of observations	20
Total number of files	
Total number of features	3
Base format of the file	.csv
Size of the data	1 KB

Customer ID

Total number of observations	49171
Total number of files	
Total number of features	4
Base format of the file	.csv
Size of the data	1027 KB

Transaction ID

Total number of observations	440098
Total number of files	4
Total number of features	3
Base format of the file	.csv
Size of the data	8788 KB

US Holiday Dates (2004-2021)

Total number of observations	342
Total number of files	
Total number of features	6
Base format of the file	.csv
Size of the data	16 KB

Proposed Approach:

- **Cab Data**
 - Transaction ID: Id of transaction
 - Date of Travel: The smallest number in the 'date' column in Cab_Data.csv is assumed to be 31/01/2016, since it is known that the data starts from that date.
 - Price Charged: assumed to be the total price the customer pays in each transaction.
 - Cost of Trip: assumed to be the cost to the cab company for each service.
 - KM Travelled: Total distance travel
 - Company: The name of the company
 - City: the name of the city
- **City**
 - City: The name of the city
 - Population: Total population of the city
 - Users: Total number of cab users
- **Customer_ID**
 - Customer ID: ID of the customer
 - Gender: Whether the customer is male or female
 - Age: how old is the customer
 - Income: Customer's monthly income
- **Transaction_ID**
 - Transaction ID: ID of the Transaction
 - Customer ID: ID of the customer
 - Payment_Mode: Whether the transaction is paid by card or cash
- **US Holiday Dates (2004-2021)**
 - Date: year-month-day of the holiday
 - Holiday: name of the holiday
 - WeekDay: M/T/W/TH/F/Sat/Sun
 - Month: month of the holiday
 - Day: day of the holiday
 - Year: year of the holiday