Uber Trip Analysis Semantic models overview.

In this Dashboard has (2) Semantic Models as Excel Files: (Uber Trip Details.xlsx, Location Table.xlsx)

Uber Trip Details.xlsx (Fact Tabel)

contain (103729) Rows * (11) Columns

Columns in Detailed:

- Trip ID: int Primary Key that is unique for every record.
- Pickup Time: Date/Time field that indicated for specific time that trip started
- Drop Off Time: Date/Time field that indicated for specific time that trip Ended
- passenger_count: Int field that indicated the number of Passenger from **(1 - 6)**
- trip_distance: Float field that indicated the distance of trip by millimeters
- PULocationID: Int Foreign Key refers to Pick up Location ID
- DOLocationID: Int Foreign Key refers to Drop-off Location ID
- fare_amount: Float field the amount of fare by dollar $$
- Surge Fee: Float field Indicate the money is an addition to the original fare $$.
- Vehicle: VarChar field that contains the type of cars from (5) types:
    - UberX
    - UberXL
    - Uber Comfort
    - Uber Black
    - Uber Green
- Payment_type: VarChar field that contain the methods of payment from (4) types:
    - Cash
    - Uber Pay
    - Amazon Pay
    - Google Pay

Location Table.xlsx (Dimension Tabel)

contain (266) Rows * (3) Columns

Columns in Detailed:

- LocationID: Int Primary Key that unique for every record.
- Location: VarChar filed
- City: VarChar filed

I add “calendar table” that contain from first date to last date