208 AVCABS
2021218 : Vivek Jain
2021234 : Anmol Kaw
Project Report

The submitted code creates tables for the entities of the online cab booking system whose database we are creating and also populates the data in the tables.

The "admin" table stores information about the administrators like first name, middle name, last name, email, and password.

The "rider" table stores information about the riders like rider ID, first name, middle name, last name, contact, and email.
The primary key of the table is the rider ID. Contact and Email are the unique keys of the table.

The "driver" table stores information about the drivers like their driver ID, first name, middle name, last name, contact, and license.
The primary key of the table is the driver ID. Contact and License are the unique keys of the driver table.

The "vehicle" table stores information about the vehicles like their vehicle ID, brand, vehicle type, model, seating capacity, plate number, and rider ID.
The primary key of the table is the vehicle ID. Plate number is the unique key.
rider_id is the foreign key of the table referencing the rider_id from the rider table.

The "trip" table stores information about the trips taken by the riders like trip ID, pickup location, drop-off location, fare, driver ID, and rider ID.
The primary key of the table is trip ID.
rider_id and driver_id are the foreign keys of the table referencing the rider_id and driver_id from the rider table and driver table respectively.

The "payment" table stores information about the payments made by riders for their trips, including payment ID, method, amount, rider ID, and trip ID.
The primary key of the table is payment ID.
rider_id and trip_id are the foreign keys of the table referencing the rider_id and trip_id from the rider table and trip table respectively.

The code then inserts data into the "admin", "driver", "rider", "vehicle", "trip", and "payment" tables and then finally displays all the tables.

We generated the data of random users from mockaroo.com.