

Minimal FD's

Group Members:

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Cab_Type

Type_ID -> Type_Name

Type_Name -> Cost per Mile

Type_Name -> Seating Capacity

Cab_Owner

Owner_ID -> Owner_Name

Owner_ID -> Bank Acc. no.

Owner_ID -> Address

Owner_ID -> Email

Owner_ID -> Contact_No.

Customer

Login_ID -> Customer_Name

Login_ID -> Contact_No.

Login_ID -> Address

Login_ID -> Gender

Login_ID -> Email

Login_ID -> Credentials_Password

Login_ID -> Date_Of_Birth

Cab

Cab_Number_Plate -> RC_Book_No

RC_Book_No -> Is_With_Driver

RC_Book_No -> Cab_Type_ID
RC_Book_No -> Owner_ID
RC_Book_No -> Status
RC_Book_No -> Rent

Driver

License_No. -> Driver_Name
License_No. -> Phone_No.
License_No. -> Bank Account No.
License_No. -> Is_Free_Driver
License_No. -> Rent_Per_Km
License_No. -> Current Location
License_No. -> No. of Working Days
License_No. -> No. of Leaves
License_No. -> Rating
License_No. -> Gender
License_No. -> Experience_Yrs
License_No. -> Owner_ID
License_No. -> Percentage_Of_Share
License_No. -> Join_Date

Cab Ride

Cab_Ride_ID -> Status
Cab_Ride_ID -> Ride_Start_Time
Cab_Ride_ID -> Start Location
Cab_Ride_ID -> Feedback
Cab_Ride_ID -> Estimated Ride End Time
Cab_Ride_ID -> End Location
Cab_Ride_ID -> Surge Factor
Cab_Ride_ID -> Total_Fare
Cab_Ride_ID -> Medium Of Payment
Cab_Ride_ID -> Customer_ID
Cab_Ride_ID -> Driver_ID
Cab_Ride_ID -> GPS_Location_Current
Cab_Ride_ID -> Timestamp_Current
Cab_Ride_ID -> Distance_Covered
Cab_Ride_ID -> Discount_Rate

Drives

All Prime Attributes

Assignment

{ Cab_ID, Driver_ID, Date } -> Maintenance_Cost

{ Cab_ID, Driver_ID, Date } -> Assigned Date
