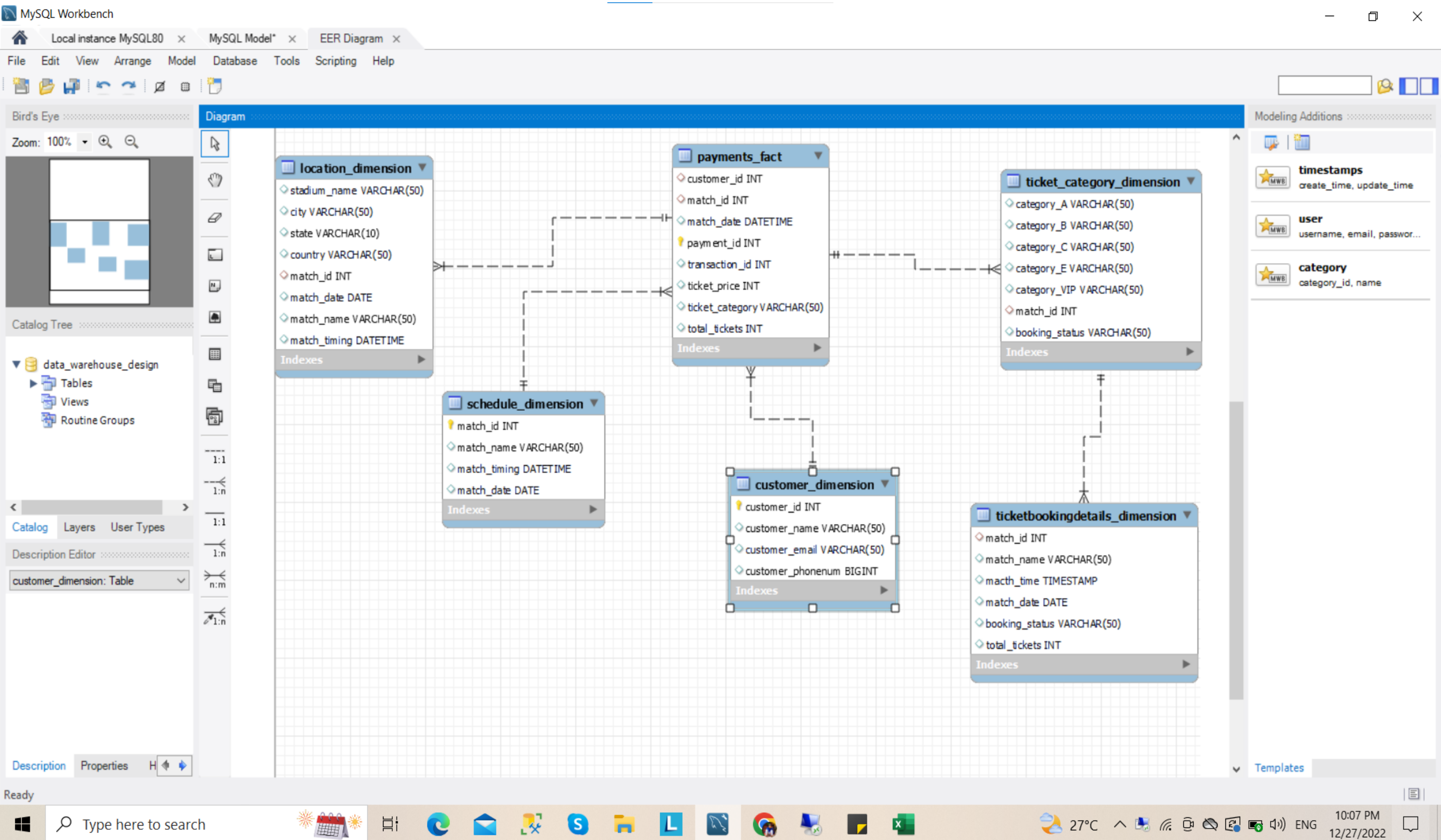


1. Design a Data Warehouse for IPL Cricket Tournament (Asked in Flipkart Interview for Senior Data Engineer role)

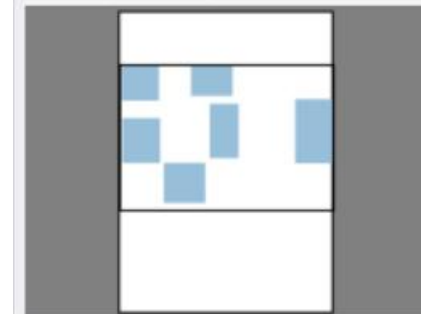


2. Design a Data Warehouse for Food delivery app like Swiggy, Zomato (Asked in Grab for Data Engineer role)



Bird's Eye

Zoom: 100%



Catalog Tree

food_delivery

- Tables
- Views
- Routine Groups

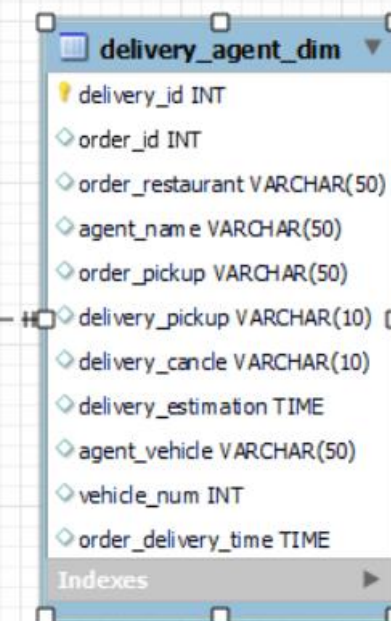
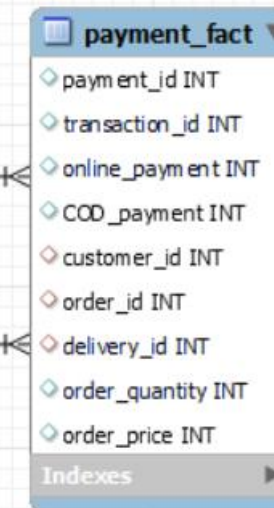
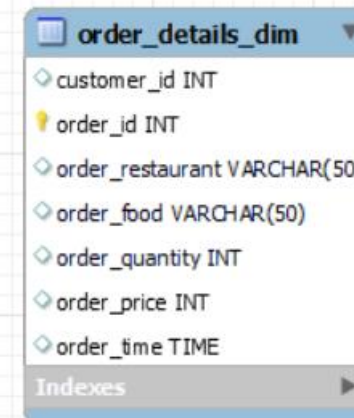
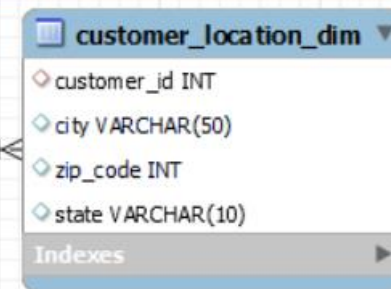
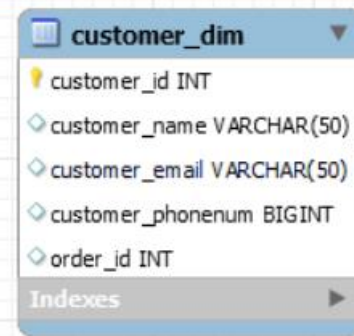
Catalog Layers User Types

Description Editor

delivery_agent_dim: Table

Description Properties

Diagram



Modeling Additions



timestamps

create_time, update_time

user

username, email

category

category_id, name

Templates

Ready

Type here to search



25°C Partly cloudy

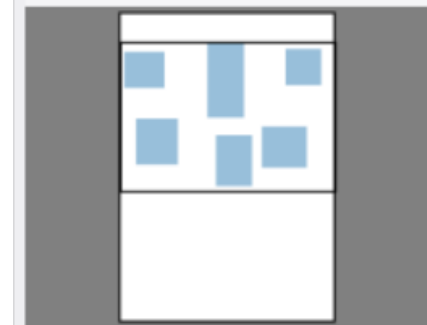
10:30 PM
12/28/20

3. Design a Data Warehouse for cab ride service like Uber, Lyft (Asked in Google for Data Engineer role)



Bird's Eye

Zoom: 100%



Catalog Tree

uber

- Tables
- Views
- Routine Groups

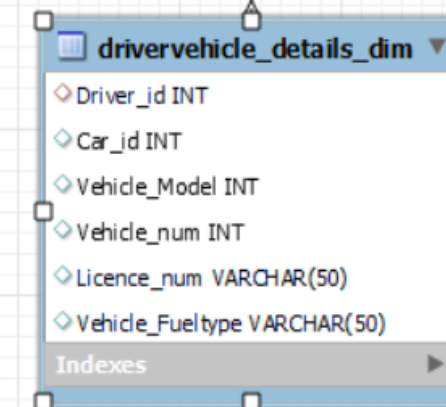
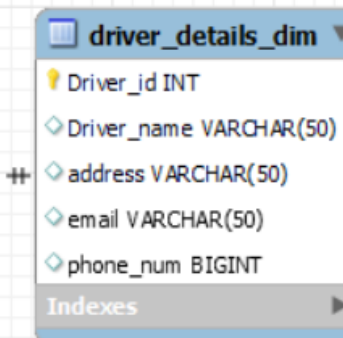
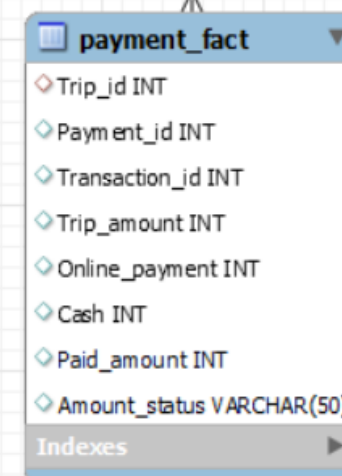
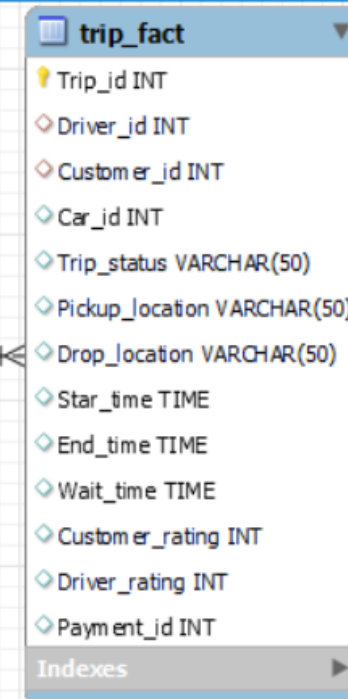
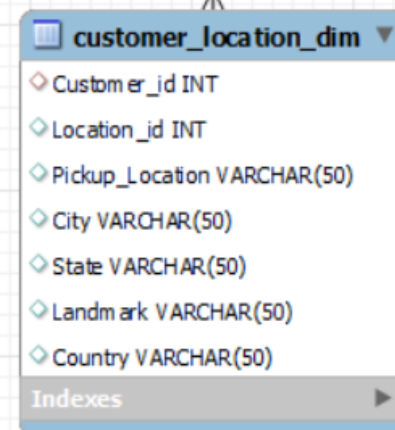
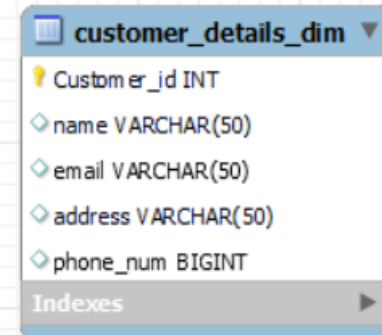
Catalog Layers User Types

Description Editor

drivervehicle_details_dim: Table

Description Properties

Diagram



Modeling Additions



timestamps

create_time, up

user

username, em

category

category_id, na

Indexes

Templates

Ready

Type here to search



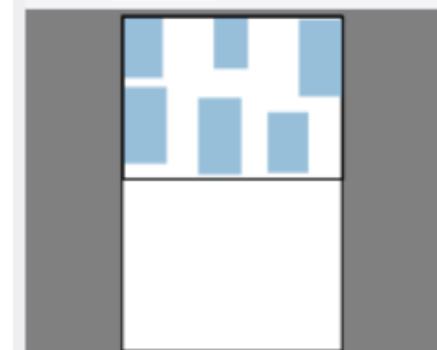
4. Design a Data Warehouse for Restaurant table booking app like Dine out (Asked in McKinsey for Consultant Data Engineer role)

5. Design a Data Warehouse for Covid Vaccination Application (Asked in Livsapce for Data Engineer role)



Bird's Eye

Zoom: 100%



Catalog Tree

covid
├── Tables
├── Views
└── Routine Groups

Catalog Layers User Types

Description Editor

member_idproof_dim: Table

Description

Properties

H

Ready

Diagram

member_details_dim

Member_Name VARCHAR(50)
Reference_id INT
Email VARCHAR(50)
Password VARCHAR(50)
Phone_num BIGINT
OTP INT
Date_of_Birth VARCHAR(50)
Gender ENUM('M', 'F')
Age INT

Indexes

schedule_dose2_dim

Dose2_id INT
Area_pincode INT
State VARCHAR(50)
District VARCHAR(50)
Vaccination_center VARCHAR(50)
Vaccination_price INT
Age INT
Date DATE
Vaccination_Name VARCHAR(50)
Time_slot TIME
Slot_conformation VARCHAR(50)
Certificate_download VARCHAR(50)

Indexes

fact

Reference_id INT
Dose1_id INT
Dose2_id INT
Dose3_id INT
Proof_id INT

Indexes

precaution_dose_dim

Dose3_id INT
Area_pincode INT
State VARCHAR(50)
District VARCHAR(50)
Vaccination_center VARCHAR(50)
Vaccination_price INT
Age INT
Date DATE
Vaccination_Name VARCHAR(50)
Time_slot TIME
Slot_conformation VARCHAR(50)
Certificate_download VARCHAR(50)

Indexes

schedule_dose1_dim

Dose1_id INT
Area_pincode INT
State VARCHAR(50)
District VARCHAR(50)
Vaccination_center VARCHAR(50)
Vaccination_price INT
Age INT
Date DATE
Vaccination_Name VARCHAR(50)
Time_slot TIME
Slot_conformation VARCHAR(50)
Certificate_download VARCHAR(50)

Indexes

member_idproof_dim

Proof_id INT
Reference_id INT
Aadhar_card VARCHAR(50)
Driving_license VARCHAR(50)
PAN_card VARCHAR(50)
Passport VARCHAR(50)
Pension_passbook VARCHAR(50)
NPR_smart_card VARCHAR(50)
Voter_id INT

Indexes

Modeling Addition

timest

create_

user

usernam

categ

category

Templates

