

Sol1.) Data Warehouse design for IPL cricket tournament

DIM1

Player

Player_id
Player_name
Player_age
Jersey_no
Email_id
Contact_no
Player_category
International_exp
Total_inter_runs
Total_inter_wickets
Domestic_exp
Total_domestic_runs
Total_domestic_wickets
Average
Strike Rate

FACT

Team

Team_id
Team_name
Team_owner_name
No_of_trophies
Total_purse_amt
Player_id
Country_code
Player_base_price
Player_sold_price
Player_prev_yr_price

DIM2

Country

Country_code
Country_name

SOL2.) Data Warehouse design for Swiggy/Zomato food delivery app

DIM1

Food

Food_course_id
Course_type_name
Food_item_name
Restaurant_id

FACT

Order

Order_id
Food_course_id
Quantity
Individual_price
Order_date
Order_time
Delivery_time
Delivery_person_id

DIM2

Date

Order_date
Month_name
Year
Day_name

1. select player_id,player_name,(case when international
from Player;
2. Select p.player_id,p.player_name from player p join tea

e 'Capped' end) as Player_type
id where

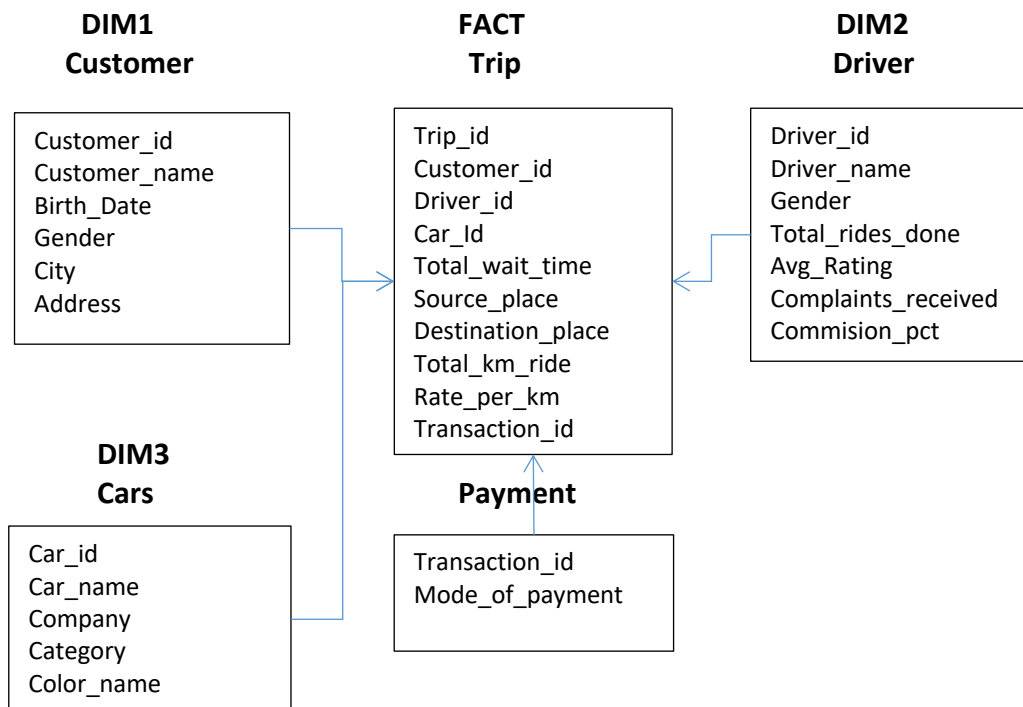
Restaurant_id
Restaurant_name
City
Address
Contact_no

Delivery_per_id

Delivery_person_id
Delivery_person_name
Gender
Avg_rating
Total_delivery_done
Complaints_received
Commision_pct

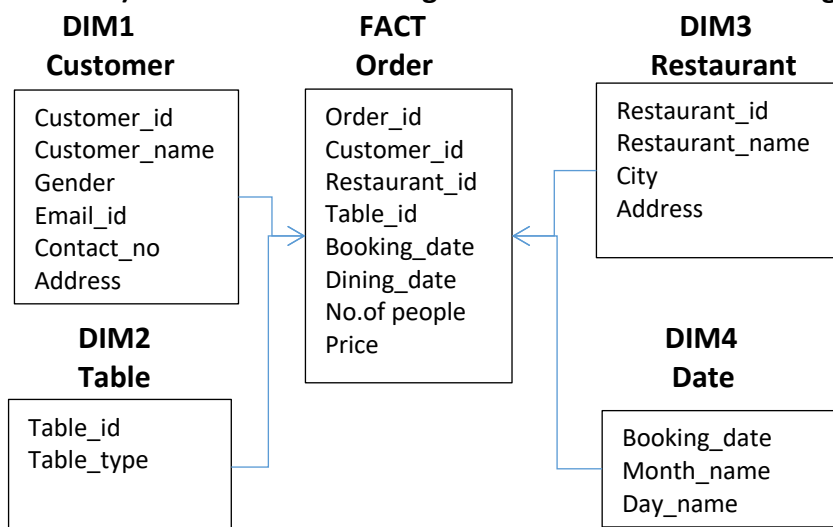
1. Update Delivery_per_id set Commision_pct = 1.10*Commision_pct where Avg_Rating>4.5 AND
Complaints_received<=1;
2. Select Order_id,d.Delivery_person_id,d.Delivery_person_name from Order o join Delivery_per_id d on
o.delivery_person_id=d.delivery_person_id where DATETIMEDIFF(Minute,Delivery_time,Order_time)<=30;

SOL3.) Data Warehouse design for Taxi booking app



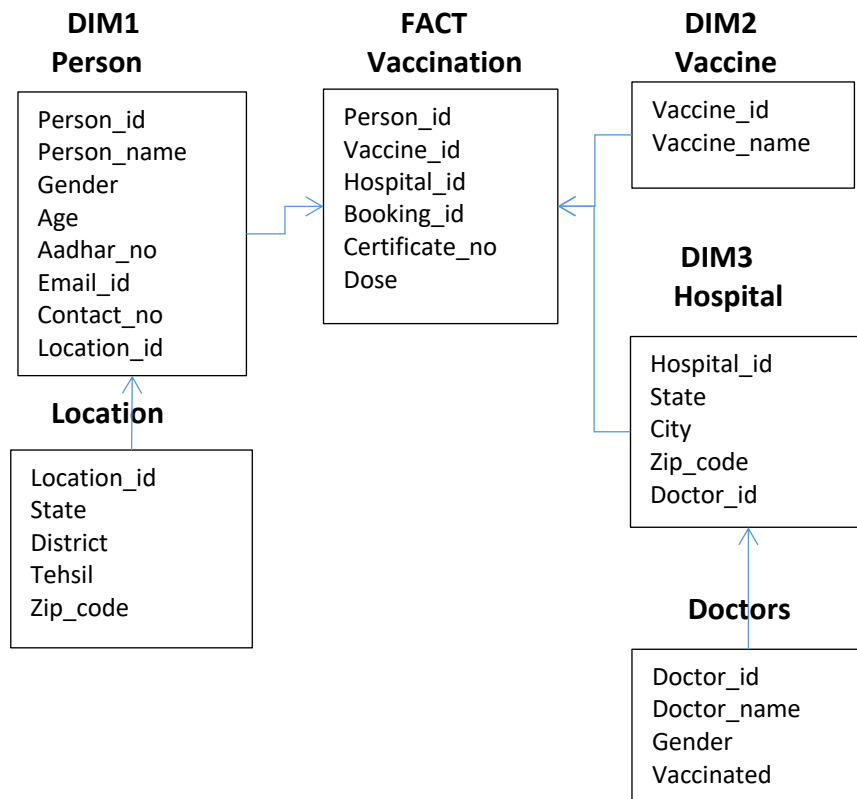
1. Select DATEDIFF(year,CURDATE()),Birth_Date) as age,count(distinct Customer_id) as Total_cust from Customer;
2. Select trip_id,Customer_id,d.driver_id,Car_id from Driver d join Trip t on t.driver_id=d.driver_id where d.Avg_rating>4.5;
3. Select Trip_id,Customer_id ,Car_id, (Total_km_ride*Rate_per_km) as total_price,Mode_of_payment from Trip t join payment p on p.transaction_id=p.transaction_id;

SOL4.) Data Warehouse design for restaurant table booking



1. Select Order_id,Customer_id,Customer_name,Restaurant_name,Table_type from Restaurant r,Order o,Customer c,Table t on o.restaurant_id=r.restaurant_id and o.Customer_id=c.Customer_id and o.Table_id=t.Table_id;

SOL5.) Data Warehouse design for Covid vaccination drive



1. Select Person_id,Person_name,v.Vaccine_id,Vaccine_name from Vaccination va join Vaccine v join Person p on va.Person_id=p.Person_id and va.vaccine_id=v.vaccine_id;