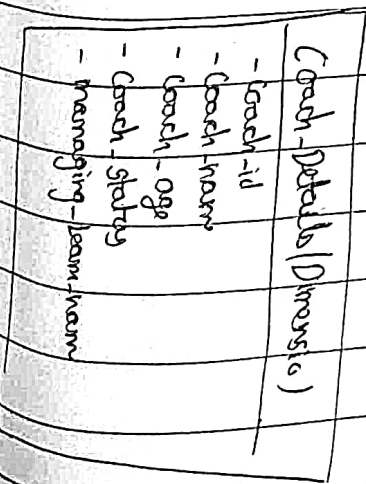
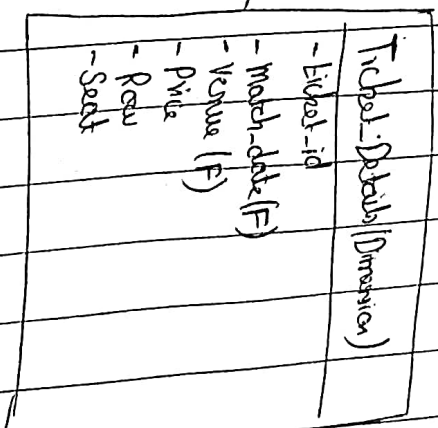
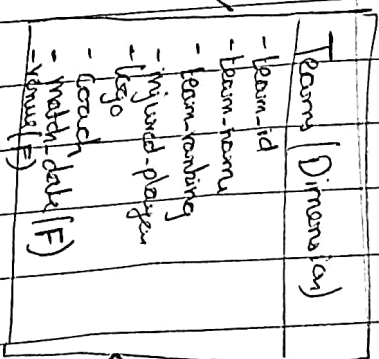
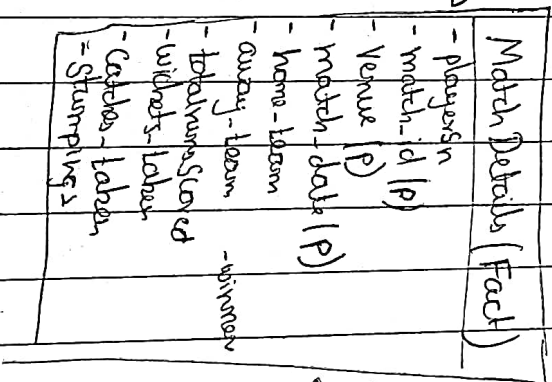
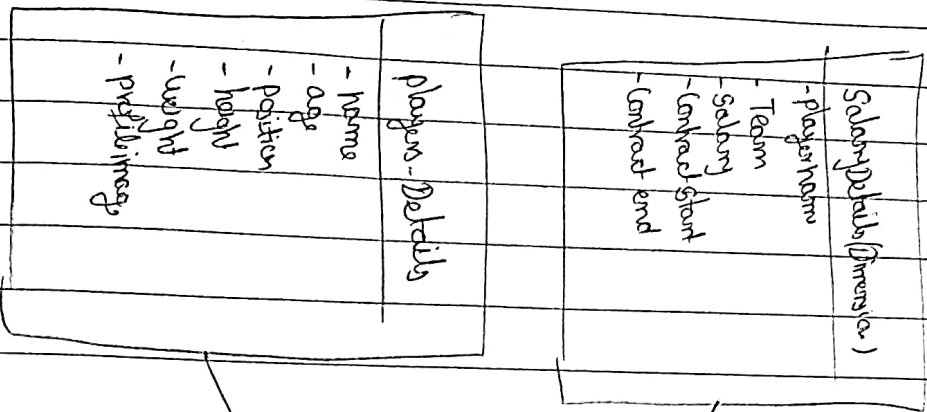


IPL - Cricket Tournament



1. IPL Cricket Tournament

i) Total matches Played

Select Count(*) from as total match from MatchDetails

ii) Average Team Score

Select avg(home-team+away-team) as avg-Score
from MatchDetails.

iii) Number of matches played at each Venue

-Select

iii) Number of matches won by each team.

Select Teams, team name, Count(*) as matches won
from MatchDetails

Inner Join Teams

on MatchDetails.winner = teams.team-id

Group by Teams.team name

2) Food Delivery app

Customer Details
- Customer name
- Address
- Phone number
- Email
- Payment info
- Rating

Sales Details (F)
- Order Date (F)
- Delivery details
- Restaurant ^{id} Name (F)
- Customer name
- Order Value
- Delivery fees
- Tips
- Delivery time
- Delivery date
- Delivery status

Restaurant (D)
- Restaurant Name (F)
- Location
- Rating
- Price Range
- Delivery area
- Operation hours
- Restaurant id (P)

Order
- Order Date (P)
- Delivery address
- Status
- Restaurant
- Order Value
- Delivery fees
- Customer id

2. Food Delivery App

i) Number of Deliveries made in a given time period.

Select Count(*) as deliveries from SalesDetails

where delivery-date between '2022-01-01' AND '2022-12-31'

ii) Number of orders placed by a particular customer.

Select Count(*) as orders from orders

where customer-id = 1

iii) Number of Successful deliveries made by a particular driver

Select Count(*) as deliveries from SalesDetails

where delivery status = 'success'

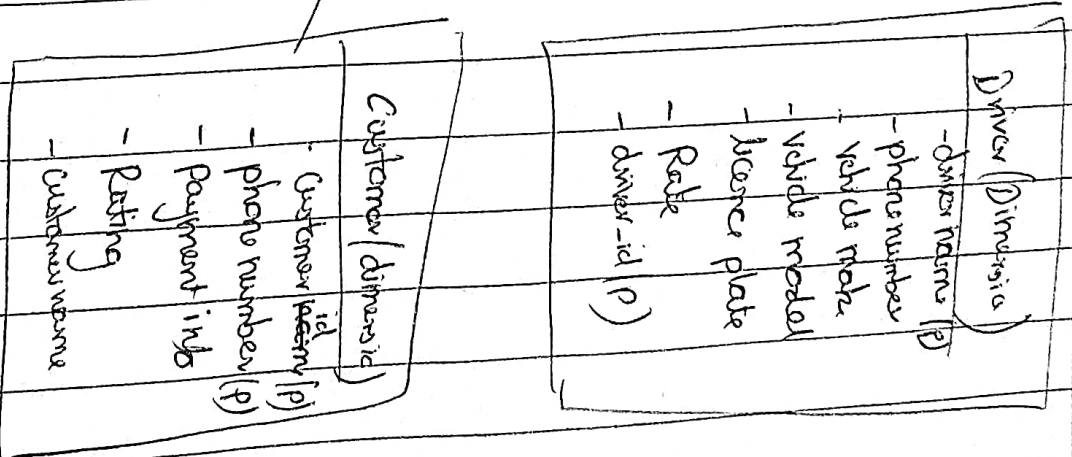
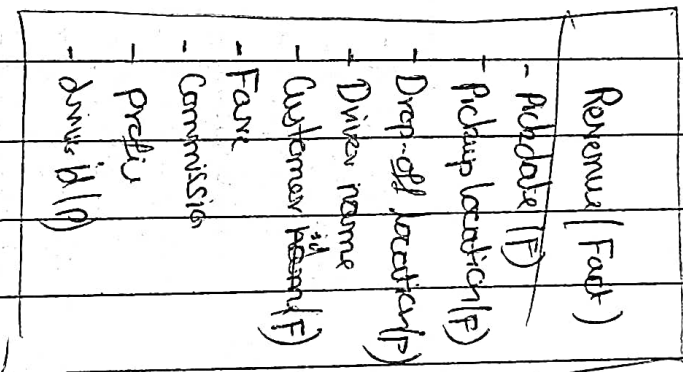
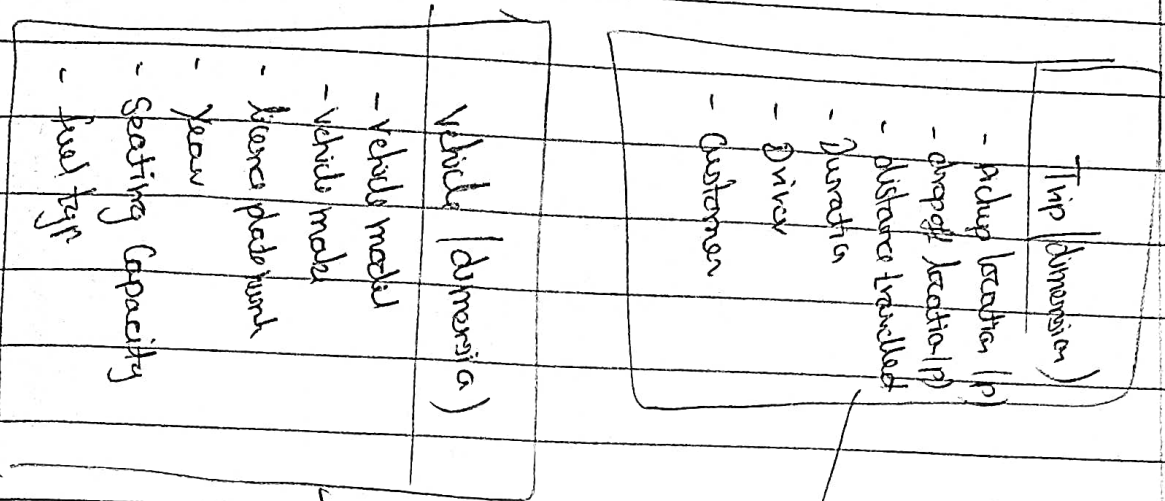
iv) Total number of orders placed at each restaurant

Select restaurant.name, Count(*) as orders From ^{Sales}DeliveryDetail

Inner join restaurants on SalesDetails.restaurant id = restaurant.restaurant id

Group by restaurant.name.

3) Cab Ride Service uber/lyft



3. Cab Ride Service

i) Average fare per ride.

Select avg(fare) as avg_fare from Revenue

ii) Total number of rides taken by each custom.

Select Customer.name, Count(*) as rides
from Revenue

Inner Join Customer

on Revenue.Customer_id = Customer.Customer_id

Group by Customer.name

iii) Total number of rides given by each driver.

Select driver.name, Count(*) as rides
From Revenue

Inner Join driver

on Revenue.driver_id = driver.driver_id

Group by driver.name

iv) Total Fare earned by each driver.

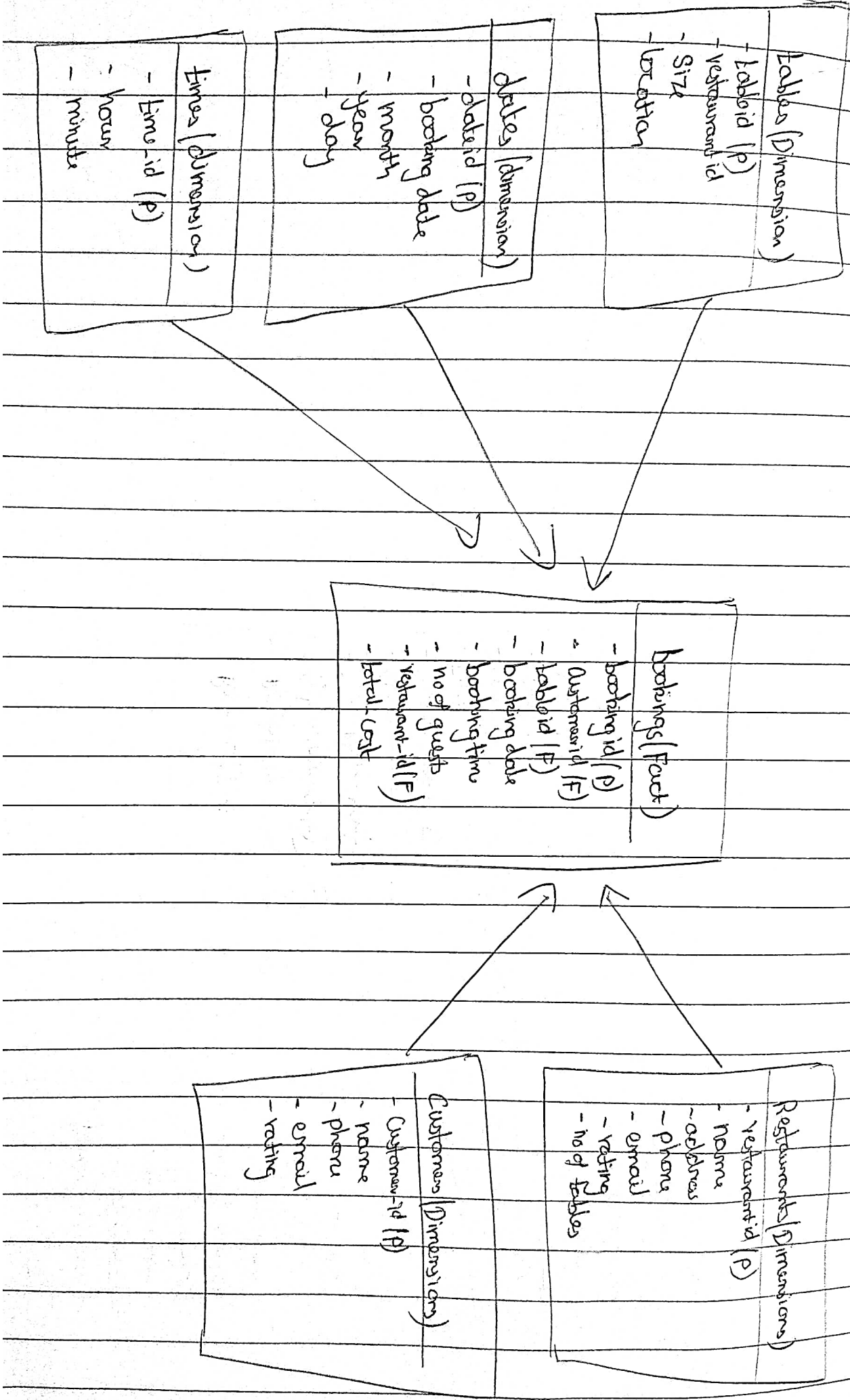
Select driver.name, Sum(fare) as total_fare
from Revenue

Inner join driver

on Revenue.driver_id = driver.driver_id

Group by driver.name

4. Restaurant table booking app



Insights

4. Restaurant table booking app

i) Find total number of booking

Select Count(*) as number-of-booking from bookings

ii) Total cost of booking

Select Sum(total-cost) as total-cost-of-booking from bookings

iii) Number of bookings made at each restaurant.

Select Restaurants.name, Count(*) as num-bookings
from Restaurants

Inner join bookings

on Restaurants.restaurant-id = bookings.booking-id

Group by Restaurants.name.

iv) Total revenue generated by booking at each restaurant.

Select Restaurant.name, Sum(Restaurant.total-cost) as total-revenue
from Restaurant

Inner join Bookings

on Restaurant.restaurant-id = Bookings.booking-id

Group by Restaurant name

5. Covid Vaccination Details

Vaccines (Dimension)	
- vaccine id (P)	
- name	
- manufacturer	
- batch-number	

Dates (Dimension)	
- date-id	
- administrate-date (P)	
- day	
- month	
- year	

Vaccinations (Fact)	
- vaccination-id (P)	
- patient-id (F)	
- provider-id	
- vaccine id (F)	
- administrate-date (F)	

Patients (Dimension)	
- patient id (P)	
- name	
- age	
- gender	
- phone	
- email	
- address	

Times (Dimension)	
- time-id	
- administrate time	
- hour	
- minute	

5. Covid Vaccination Details

i) Number of vaccinations administered to a particular gender

Select Count(*) as vaccination
from Vaccinations

Where patient_id IN (Select patient_id from Patients where gender = 'Male')

ii) Number of Vaccinations administered to a particular age group

Select Count(*) as vaccination from Vaccinations

Inner join Patient on Vaccinations patient_id = patient.patient_id

Where age between 18 AND 30

iii) Number of Vaccinations administered by a particular vaccine type

Select Count(*) as Vaccinations from Vaccinations

Where Vaccine_id IN (Select vaccine_id from Vaccine where name = 'BF-7')

iv) Number of people in each gender

Select gender, Count(*) as people from Patients

Group by Gender