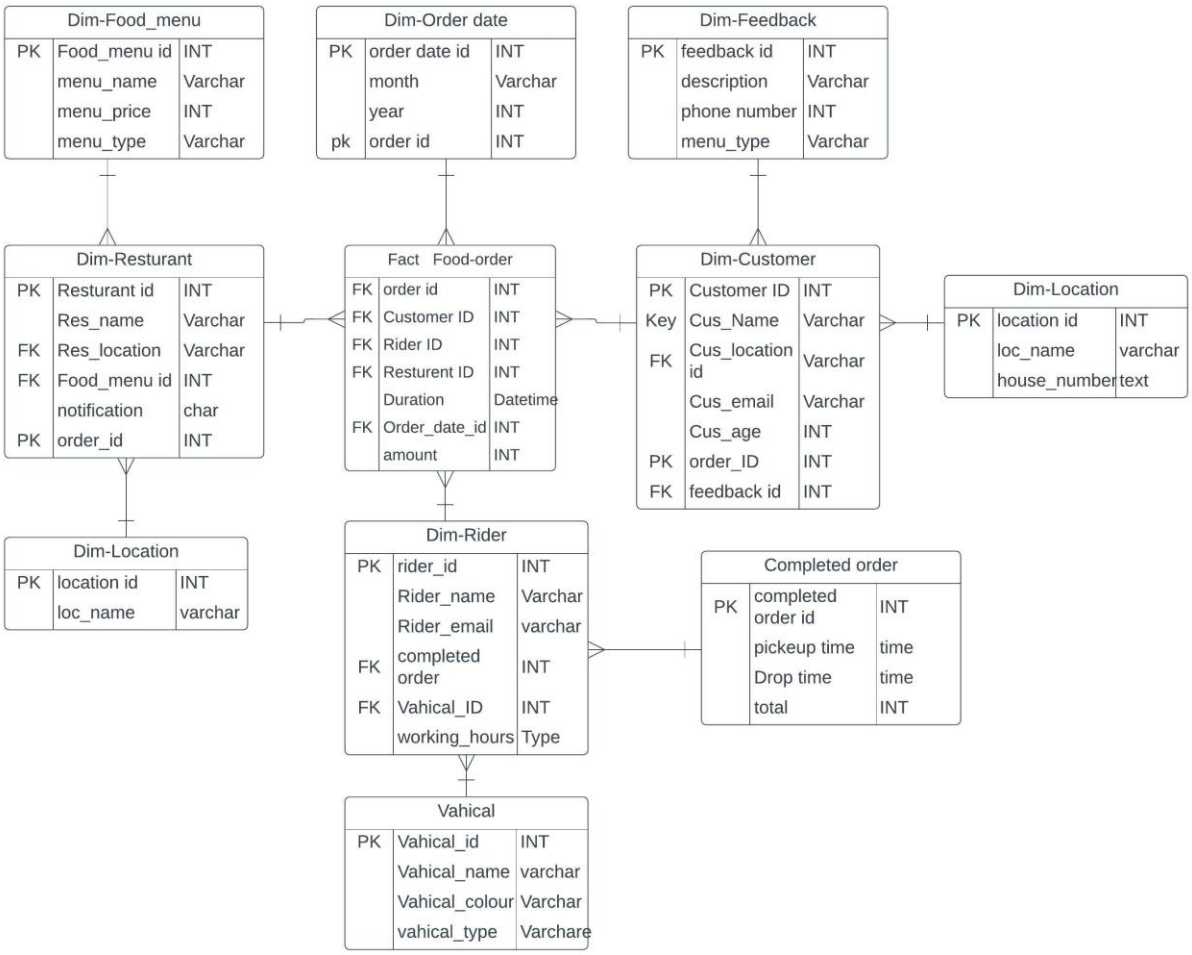
Data warehousing Assignment :01

Food order application

Fact and dimension



 # order descending with limit 1

select * from customer order by orders desc limit 1;

 # orders and order date fromcustomer table.

select orders,order_date from customer;

 # total orders

select count(orders) as sumoforders from customer;

 # print row where max(orders)

select *from customer

where orders=(select max(orders) from customer);

 # duplicate age value with two time

SELECT age ,count(*) from customer

GROUP BY age HAVING count(*) > 1 ;

Last record in table

Select * from customer where cus_id=(select max(cus_id) from customer);

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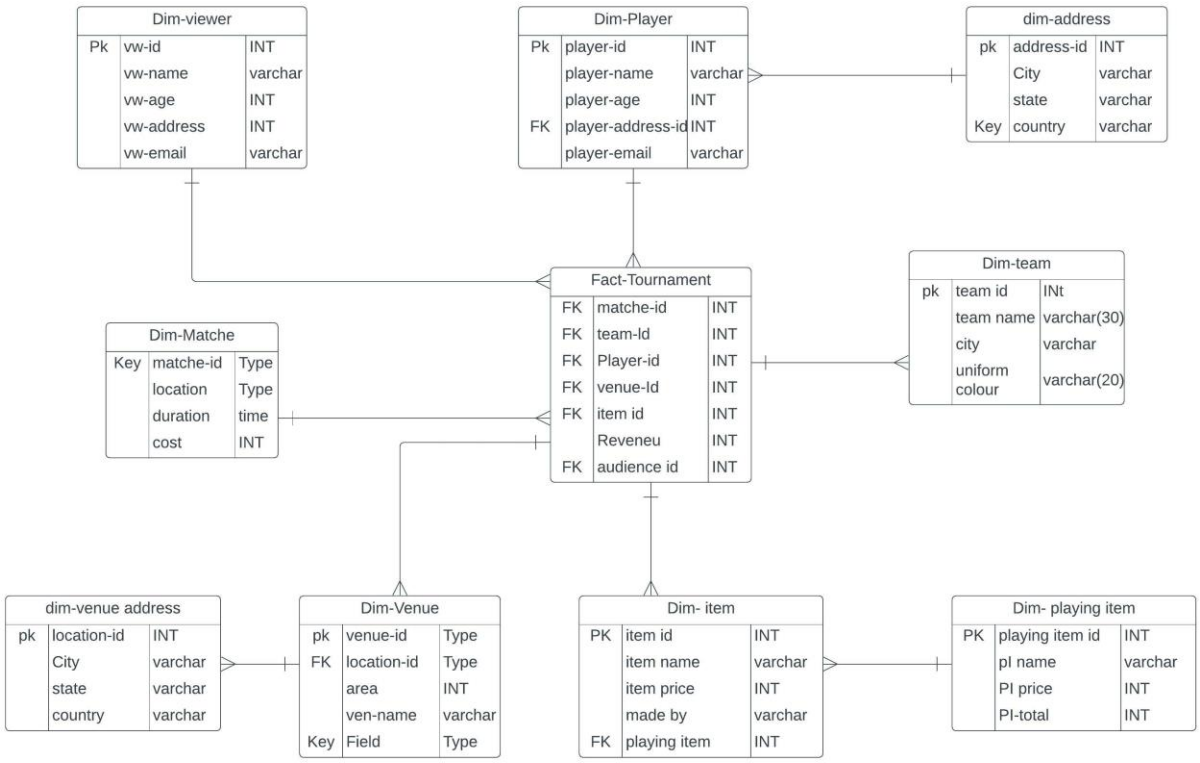
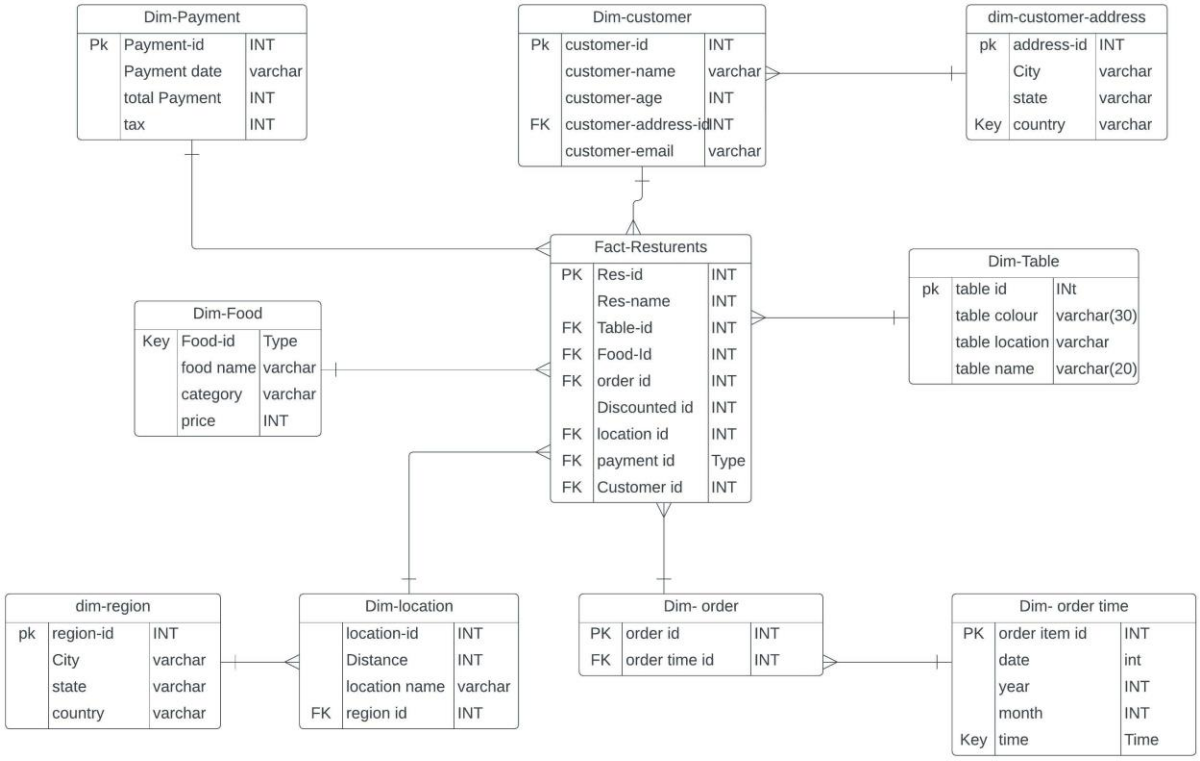


Resturent table application



Covid 19 vaccine application

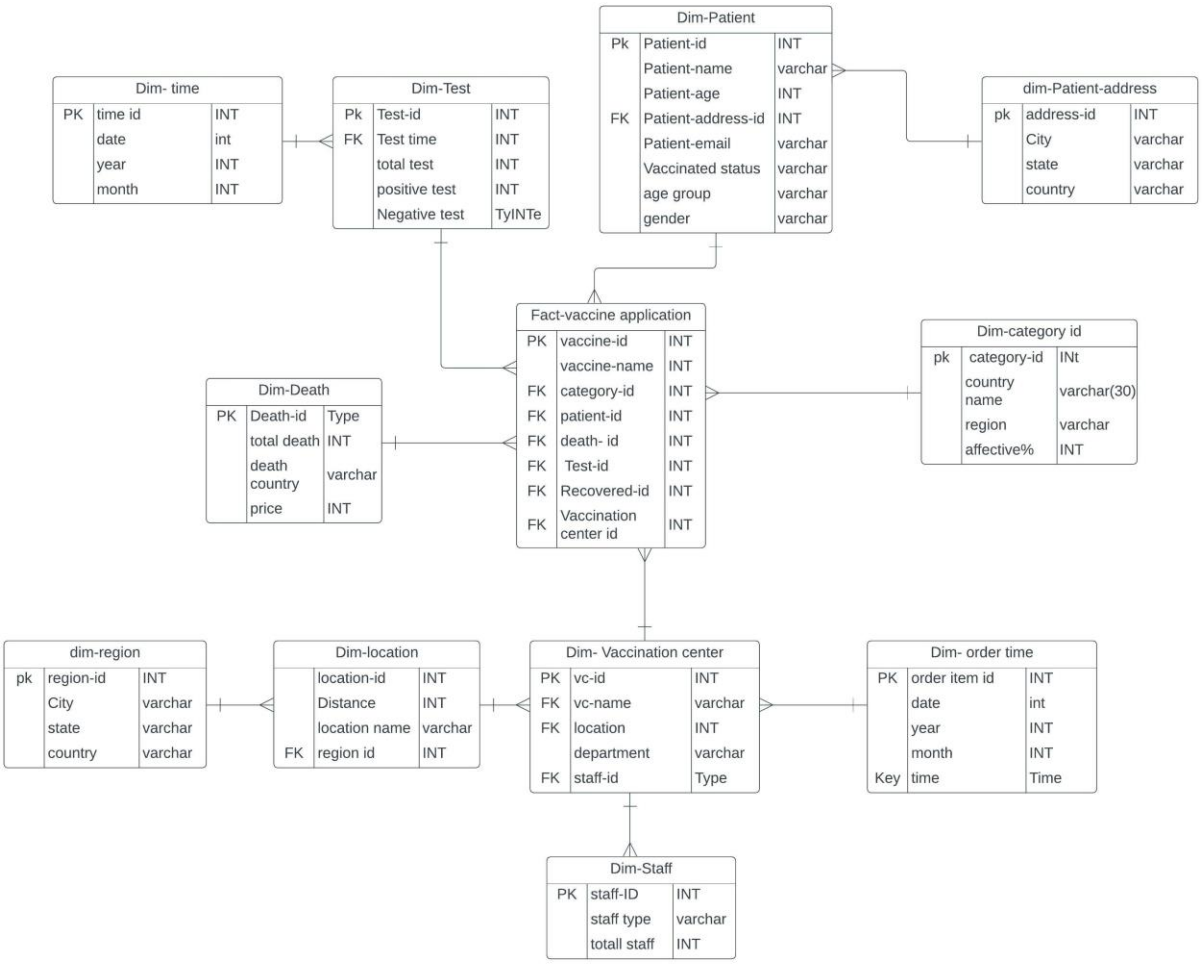
Select top vaccinated stat

```
SELECT State,
MAX(TotalVaccinated) AS TotalVaccinations
FROM vaccineState
WHERE Region = 'UT'
GROUP BY State
ORDER BY TotalVaccinations DESC;
```

Vaccination proportion among different Age groups

```
SELECT *from Place,

        CAST(Round((MAX([Age(18-45)])/MAX(TotalVaccinated))*100, 2) as nvarchar(10)) + '%' AS
YoungVaccinated,

        CAST(Round((MAX([Age(45-60)])/MAX(TotalVaccinated))*100, 2) as nvarchar(10)) + '%' AS
SeniorVaccinated,
```

```
CAST(Round((MAX([Age(60+)])/MAX(TotalVaccinated))*100, 2) as nvarchar(10)) + '%' AS OldAgeVaccinated

FROM vaccineIndia

GROUP BY STATE

UNION  ALL
```