drop table if exists goldusers\_signup;

CREATE TABLE goldusers\_signup(userid integer,gold\_signup\_date date);

INSERT INTO goldusers\_signup(userid,gold\_signup\_date)

VALUES (1,'2017-09-22'),

(3,'2017-04-21');

drop table if exists users;

CREATE TABLE users(userid integer,signup\_date date);

INSERT INTO users(userid,signup\_date)

VALUES (1,'2014-09-02'),

(2,'2015-01-15'),

(3,'2014-04-11');

drop table if exists sales;

CREATE TABLE sales(userid integer,created\_date date,product\_id integer);

INSERT INTO sales(userid,created\_date,product\_id)

VALUES (1,'2017-04-19',2),

(3,'2019-12-18',1),

(2,'2020-07-20',3),

(1,'2019-10-23',2),

(1,'2018-03-19',3),

(3,'2016-12-20',2),

(1,'2016-11-09',1),

(1,'2016-05-20',3),

(2,'2017-09-24',1),

(1,'2017-03-11',2),

(1,'2016-03-11',1),

(3,'2016-11-10',1),

(3,'2017-12-07',2),

(3,'2016-12-15',2),

(2,'2017-11-08',2),

(2,'2018-09-10',3);

drop table if exists product;

CREATE TABLE product(product\_id integer,product\_name text,price integer);

INSERT INTO product(product\_id,product\_name,price)

VALUES

(1,'p1',980),

(2,'p2',870),

(3,'p3',330);

Questions:

1.what is total amount each customer spent on zomato ?

2.How many days has each customer visited zomato?

3.what was the first product purchased by each customer?

4.what is most purchased item on menu & how many times was it purchased by all customers ?

5.which item was most popular for each customer?

6.which item was purchased first by customer after they become a member ?

7. which item was purchased just before the customer became a member?

8. what is total orders and amount spent for each member before they become a member?

9. If buying each product generates points for eg 5rs=2 zomato point

and each product has different purchasing points for eg for p1 5rs=1 zomato point,for p2 10rs=zomato point and p3 5rs=1 zomato point 2rs =1zomato point, calculate points collected by each customer and for which product most points have been given till now.

10. In the first year after a customer joins the gold program (including the join date ) irrespective of what customer has purchased earn 5 zomato points for every 10rs spent who earned more more 1 or 3 what int earning in first yr ? 1zp = 2rs

11. rnk all transaction of the customers

12. rank all transaction for each member whenever they are zomato gold member for every non gold member transaction mark as na