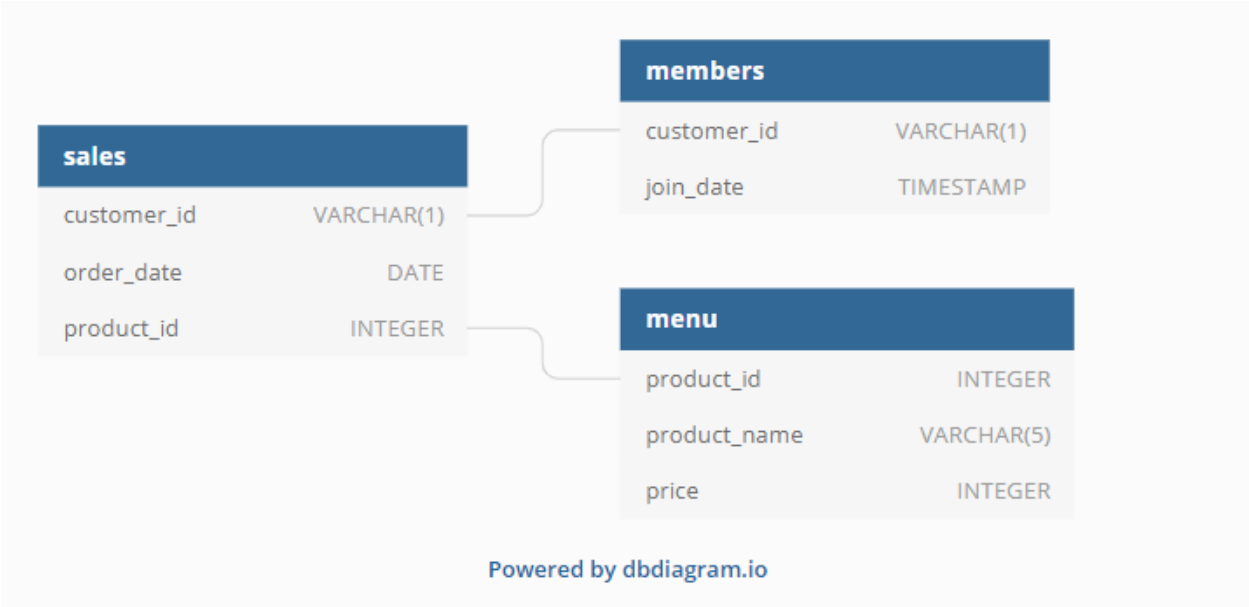
Entity Relationship Diagram




```
CREATE
TABLE
SALES
(
          CUSTOMER_ID VARCHAR(1),
          ORDER_DATE DATE,
          PRODUCT_ID INTEGER
        );


        INSERT INTO SALES VALUES
          ('A', '2021-01-01',
        '1'),
          ('A', '2021-01-01',
        '2'),
          ('A', '2021-01-07',
        '2'),
          ('A', '2021-01-10',
        '3'),
          ('A', '2021-01-11',
        '3'),
          ('A', '2021-01-11',
        '3'),
          ('B', '2021-01-01',
        '2'),
```

```
  ('B', '2021-01-02',
'2'),
  ('B', '2021-01-04',
'1'),
  ('B', '2021-01-11',
'1'),
  ('B', '2021-01-16',
'3'),
  ('B', '2021-02-01',
'3'),
  ('C', '2021-01-01',
'3'),
  ('C', '2021-01-01',
'3'),
  ('C', '2021-01-07',
'3');



CREATE TABLE MENU (
  PRODUCT_ID INTEGER,
  PRODUCT_NAME VARCHAR(5),
  PRICE INTEGER
);


INSERT INTO MENU VALUES
  ('1', 'sushi', '10'),
  ('2', 'curry', '15'),
  ('3', 'ramen', '12');



CREATE TABLE MEMBERS (
  CUSTOMER_ID VARCHAR(1),
  JOIN_DATE DATE
);


INSERT INTO MEMBERS VALUES
  ('A', '2021-01-07'),
  ('B', '2021-01-09');
```

Note: Your script must be prepared from join and subquery also.

1. What is the total amount each customer spent at the restaurant?
2. How many days has each customer visited the restaurant?
3. What is the most purchased item on the menu and how many times was it purchased by all customers?
4. What is the total items and amount spent for each member before they became a member?

BEST OF LUCK!