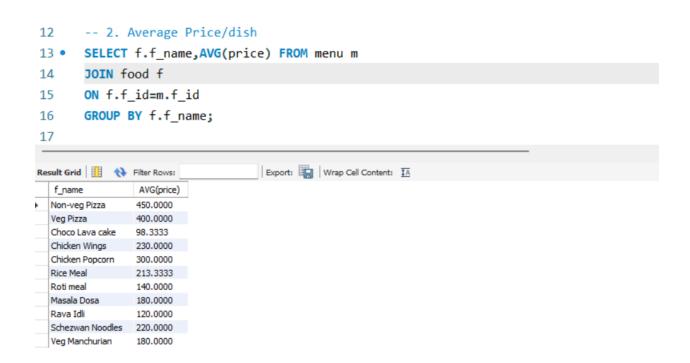
```
4
5
    -- 1. Find customers who have never ordered
    USE ZOMATO;
6 •
7
8 •
    SELECT name FROM users_7
9
    where user_id NOT IN (SELECT user_id FROM orders);
10
    Export: Wrap Cell Content: TA
 name
 Anupama
 Rishabh
```



```
-- 3. Find the top restaurant in terms of the number of orders for a given month
    -- for month june

    SELECT r.r_name,count(o.r_id) FROM orders o

   JOIN restaurants r
   ON o.r_id=r.r_id
   WHERE MONTHNAME(date) LIKE 'june'
   GROUP BY r.r_name
   ORDER BY count(o.r_id) DESC
   LIMIT 1;
Export: Wrap Cell Content: IA
r_name count(o.r_id)
      -- 4. restaurants with monthly sales greater than x for
50
51 • SELECT r.r name, SUM(amount) As 'Revenue' FROM orders o
      JOIN restaurants r
      ON o.r id=r.r id
53
      WHERE MONTHNAME(date) LIKE 'JUNE'
54
55
      GROUP BY r.r_name
      HAVING Revenue>500;
56
57
58
      Export: Wrap Cell Content: IA
r_name Revenue
 dominos 950
 kfc 990
```

```
🚞 🔚 | 🥖 📝 👰 🔘 | 🚱 | 💿 🔞 | Don't Limit
                                                - | 🛵 | 🥩 🔍 🗻 🖃
59
       -- 5. Show all orders with order details for a particular customer in a particular date range
60
61
62 •
       SELECT
63
          u.user_id,
64
          u.name,
65
          COUNT(o.order_id) AS order_count
       FROM
66
67
          users_7 AS u
68
       JOIN
          orders AS o ON u.user_id = o.user_id
 69
       WHERE
 70
 71
          o.date > "2022-05-15" AND o.date < "2022-06-15"
 72
       GROUP BY
73
          u.user_id, u.name;
74
 75
       Export: Wrap Cell Content: IA
  user_id name
                order_count
 1
        Nitish
        Khushboo 1
  2
        Vartika
  3
                3
        Ankit
67
       -- 6. Find restaurants with max repeated customers
68
```

```
SELECT r.r_name, COUNT(*) AS loyal_customers

⇒ FROM (
70
          SELECT r_id, user_id, COUNT(*) AS visits
71
72
           FROM orders
73
          GROUP BY r id, user id
74
          HAVING visits > 1
75
       ) t
76
       JOIN restaurants r ON r.r_id = t.r_id
77
       GROUP BY r.r_id, r.r_name
78
       ORDER BY loyal_customers DESC
79
       LIMIT 1;
80
Export: Wrap Cell Content: IA
 r_name loyal_customers
▶ kfc
```

```
82
     -- 7. Month over month revenue growth of swiggy
83 • ⊖ WITH sales AS (
84
        SELECT
85
            MONTH(date) AS month_num,
86
           MONTHNAME(date) AS month,
87
           SUM(amount) AS revenue
88
        FROM orders
        GROUP BY month_num, month
89
90
        ORDER BY month_num
91
     SELECT
92
93
        month.
94
        revenue.
95
        LAG(revenue) OVER (ORDER BY month_num) AS prev,
96
        ((revenue - LAG(revenue) OVER (ORDER BY month_num)) / LAG(revenue) OVER (ORDER BY month_num)) * 100 AS growth
97
     FROM sales;
Export: Wrap Cell Content: IA
r_name loyal_customers
          -- 8. Customer - favorite food
 101
 102 • ⊝ WITH temp AS (
 103
              SELECT o.user_id, od.f_id, COUNT(*) AS frequency
 104
              FROM orders o
              JOIN order_details od ON o.order_id = od.order_id
 105
              GROUP BY o.user_id, od.f_id
 106
 107
 108
 109
          SELECT u.name,f.f_name
          FROM temp t1
 110
          JOIN users u
 111
          ON u.user_id=t1.user_id
 112
          JOIN food f
 113
          ON f.f_id=t1.f_id
 114
        115
              SELECT MAX(t2.frequency)
 116
 117
              FROM temp t2
 118
              WHERE t2.user_id = t1.user_id
 119
          );
 120
          Result Grid Filter Rows:
                                        Export: Wrap Cell Content: IA
              f_name
    name
   Neha
              Choco Lava cake
    Khushboo Choco Lava cake
    Nitish
              Choco Lava cake
    Vartika
              Chicken Wings
    Ankit
              Schezwan Noodles
```

Ankit

Veg Manchurian