SQL Queries

This dataset has details of orders placed by customers to the restaurants in a food delivery app. There are 500 orders that were placed on a day.

Total Number Of User Using This App

```sql
SELECT COUNT(DISTINCT O.customer_name) AS total_users
FROM orders as O;
```

Top 5 highest rating restaurants

```
SELECT (SELECT R1.RestaurantName
         FROM restaurants AS R1
         WHERE R1.RestaurantID = T.restaurant_id) AS restaurant_name,
        T.food_rating
FROM (SELECT O.restaurant_id, SUM(O.food_rating) AS food_rating
       FROM orders AS O
       GROUP BY O.restaurant_id) AS T
ORDER BY T.food_rating DESC
LIMIT 5;
```

Top 20 customer with most sales

```sql
SELECT O.customer_name,SUM(O.quantity) AS total_qunatity
FROM orders AS O
GROUP BY O.customer_name
ORDER BY total_qunatity DESC
LIMIT 20;
```

Sales of each restaurants

```sql
SELECT R1.RestaurantName AS restaurant_name,T.total_amount
FROM (SELECT O.restaurant_id,SUM(O.amount) AS total_amount
FROM orders AS O
GROUP BY O.restaurant_id ) AS T
INNER JOIN restaurants AS R1
ON T.restaurant_id=R1.RestaurantID
ORDER BY T.total_amount;
```

Most sales of each restaurants on the basis of zone

```sql
SELECT R1.Zone AS zone,SUM(T.total_amount) AS amount
FROM (SELECT O.restaurant_id,SUM(O.amount) AS total_amount
FROM orders AS O
GROUP BY O.restaurant_id ) AS T
INNER JOIN restaurants AS R1
ON T.restaurant_id=R1.RestaurantID
GROUP BY zone
ORDER BY amount;
```

Most sales of each restaurants on the basis of Cuisine

```sql
SELECT R1.Cuisine AS cuisine,SUM(T.total_quantity) AS quantity_ordered
FROM (SELECT O.restaurant_id,SUM(O.quantity) AS total_quantity
FROM orders AS O
GROUP BY O.restaurant_id ) AS T
INNER JOIN restaurants AS R1
ON T.restaurant_id=R1.RestaurantID
GROUP BY cuisine
ORDER BY quantity_ordered;
```

Most sales of each restaurants on the basis of Category

```
SELECT R1.Category AS category,SUM(T.total_quantity) AS quantity
FROM (SELECT O.restaurant_id,SUM(O.quantity) AS total_quantity
FROM orders AS O
GROUP BY O.restaurant_id ) AS T
INNER JOIN restaurants AS R1
ON T.restaurant_id=R1.RestaurantID
GROUP BY category
ORDER BY quantity;
```

Average delivery time taken by each restaurant

```sql
SELECT R1.RestaurantName AS restaurant_name,ROUND(T.dtime,0) AS avg_delivery_time
FROM (SELECT O.restaurant_id,AVG(O.delivery_time) AS dtime
FROM orders AS O
GROUP BY O.restaurant_id ) AS T
INNER JOIN restaurants AS R1
ON T.restaurant_id=R1.RestaurantID
ORDER BY avg_delivery_time;
```