Show all the data in the restaurants table

```
SELECT * FROM restaurants;
```

Show only the dishes, their prices, and the calories in them from the food_items table

```
SELECT item_name AS dish, price, calories

FROM food_items;
```

Retrieve the order ids, customer ids, and total prices of all orders

```
SELECT order_id, customer_id, total_price

FROM orders;
```

Count the number of restaurants in the restaurant table

```
SELECT COUNT(*) FROM restaurants;
```

Find the unique number of cuisines served by the restaurants from the restaurants table

```
SELECT COUNT(DISTINCT cuisine) FROM restaurants;
```

Find the number of unique dishes served by restaurants from the food_items table

```
SELECT COUNT(DISTINCT item_name) FROM food_items;
```

Monthly revenue

```
SELECT * FROM orders LIMIT 10;

SELECT DATE_FORMAT(order_date, '%Y-%m') AS order_month,

SUM(total_price) AS monthly_revenue

FROM orders

GROUP BY order_month

ORDER BY order_month;
```

Distribution by cuisine

```
SELECT * FROM orders LIMIT 10;

SELECT * FROM restaurants LIMIT 10;

SELECT

  cuisine,

  COUNT(order_id) AS orders,
```

```
  SUM(total_price) AS revenue
FROM orders o
JOIN restaurants r ON o.order_id = r.restaurant_id
GROUP BY cuisine
ORDER BY revenue DESC;
```

Montly average order value

```
SELECT DATE_FORMAT(order_date, '%Y-%m') AS order_month,
AVG(total_price) AS avg_order_value
FROM orders
GROUP BY order_month
ORDER BY order_month;
```

Restaurant performance

```
SELECT * FROM orders;
SELECT r.cuisine,
COUNT(o.order_id) AS total_orders,
SUM(o.total_price) AS total_revenue
FROM orders o
JOIN restaurants r ON o.order_id = r.restaurant_id
GROUP BY r.cuisine
ORDER BY total_revenue DESC;
```

Average delivery time

```
SELECT * FROM ORDERS LIMIT 10;
SELECT DATE_FORMAT(order_date, '%Y-%m') AS order_month,
AVG(TIMESTAMPDIFF(MINUTE, order_time, delivered_time)) AS avg_delivery_time
FROM orders
GROUP BY order_month
ORDER BY order_month;
```

Orders made as per the item

```
SELECT * FROM restaurants;

select * from orders_items;

SELECT item_id, COUNT(order_id) AS total_orders

FROM orders_items

GROUP BY item_id

ORDER BY total_orders DESC;
```

Total number of orders made for each item in a month

```
select * from orders_items;

select * from orders;

SELECT oi.item_id,

DATE_FORMAT(o.order_date, '%Y-%m') AS order_month,

COUNT(oi.order_id) AS total_orders

FROM orders_items oi

JOIN orders o ON oi.order_id = o.order_id

GROUP BY oi.item_id, order_month

ORDER BY order_month, total_orders DESC;
```