

# Hello!

My name is Kalpak Gaikar and in this project i have utilized SQL queries to solve questions related to pizza sales

# Retrieve the total number of orders placed.

```
-- Retrieve the total number of orders placed.
        select count(order_id) as total_orders from orders;
Result Grid Filter Rows:
                                         Export: Wrap Cell Content: IA
   total_orders
  21350
```

# Calculate the total revenue generated from pizza sales.

```
-- Calculate the total revenue generated from pizza sales.

SELECT

ROUND(SUM(order_details.quantity * pizzas.price),

2) AS total_sales

FROM

order_details

JOIN

pizzas ON pizzas.pizza_id = order_details.pizza_id
```



#### Identify the highest-priced pizza.

```
-- Identify the highest-priced pizza.
 1
 2
        SELECT
            pizza types.name, pizzas.price
        FROM
            pizza types
 7
                 JOIN
            pizzas ON pizza_types.pizza_type_id = pizzas.pizza_type_id
 8
        ORDER BY pizzas.price DESC
        LIMIT 1;
10
                                                                                      Щ
                                          Export: Wrap Cell Content: TA Fetch rows:
Result Grid
            Filter Rows:
   name
                 price
  The Greek Pizza
                35.95
```

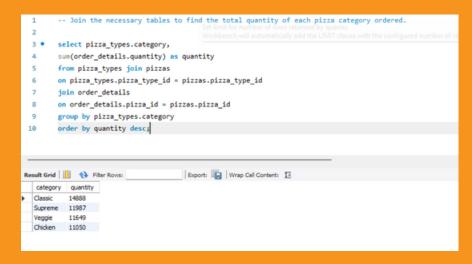
#### Identify the most common pizza size ordered.

```
-- Identify the most common pizza size ordered.
        select pizzas.size, count(order_details.order_details_id) as order_count
        from pizzas join order_details
        on pizzas.pizza id = order details.pizza id
        group by pizzas.size order by order count desc;
Export: Wrap Cell Content: IA
        order_count
        18526
        15385
        14137
        28
```

# List the top 5 most ordered pizza types along with their quantities.

```
1
         -- List the top 5 most ordered pizza types along with their quantities.
  2
  3 •
         select pizza types.name,
        sum(order details.quantity) as quantity
        from pizza types join pizzas
        on pizza_types.pizza_type_id = pizzas.pizza_type_id
        join order_details
        on order_details.pizza_id = pizzas.pizza_id
        group by pizza_types.name
 10
        order by quantity desc limit 5;
Export: Wrap Cell Content: IA Fetch rows:
   name
                         quantity
  The Classic Deluxe Pizza
                         2453
  The Barbecue Chicken Pizza
                        2432
  The Hawaiian Pizza
                         2422
  The Pepperoni Pizza
                         2418
  The Thai Chicken Pizza
                         2371
```

# Join the necessary tables to find the total quantity of each pizza category ordered.



# Determine the distribution of orders by hour of the day.

```
-- Determine the distribution of orders by hour of the day.
  2
         SELECT
             HOUR(order_time), COUNT(order_id) AS order_count
         FROM
             orders
         GROUP BY HOUR(order_time);
Result Grid
                                           Export: Wrap Cell Content: IA
              Filter Rows:
   hour(order_time)
                  order_count
                  1231
  11
  12
                  2520
  13
                  2455
                  1472
  15
                  1468
  16
                  1920
  17
                  2336
```

# Join relevant tables to find the category-wise distribution of pizzas.

```
acategory count(name)

Result Grid

Category count(name)

Category count(name)

Chicken 6

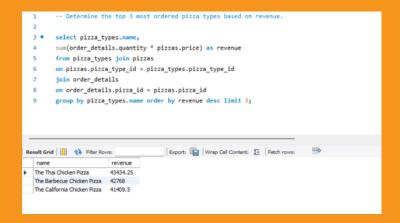
Classic 8

Supreme 9

Veggie 9
```

# Group the orders by date and calculate the average number of pizzas ordered per day.

# Determine the top 3 most ordered pizza types based on revenue.



#### Thank You!