



#### **Objective**

The aim of this project is to conduct a comprehensive analysis of pizza sales data to evaluate the overall performance of the restaurant. By examining sales trends and patterns, this analysis seeks to provide actionable insights that will inform strategic decision-making and enhance future planning. The ultimate goal is to optimize operational efficiency, improve customer satisfaction, and drive sustained business growth.



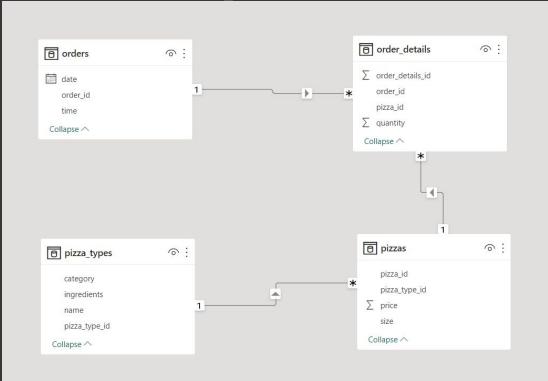
#### Model View









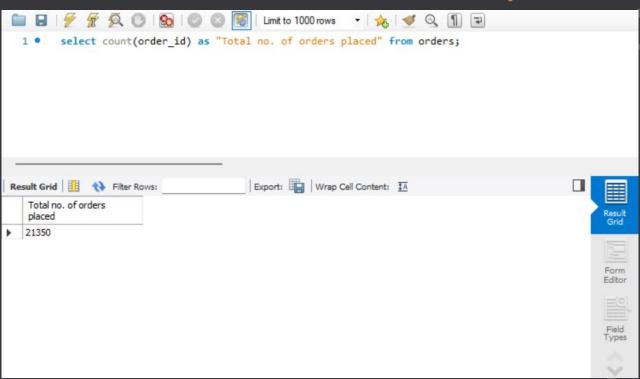








#### Q1. Retrieve the total no. of orders placed.

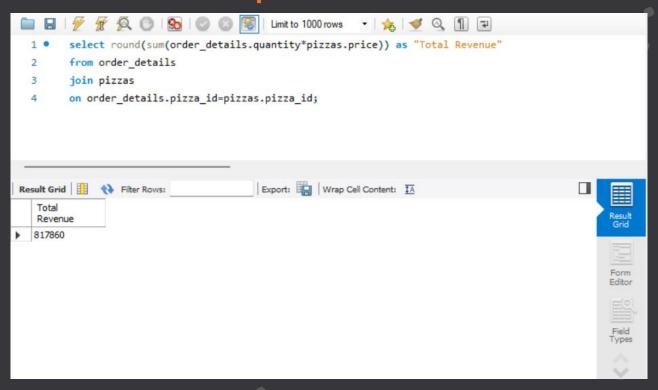








### Q2. Calculate total revenue generated from pizza sales.



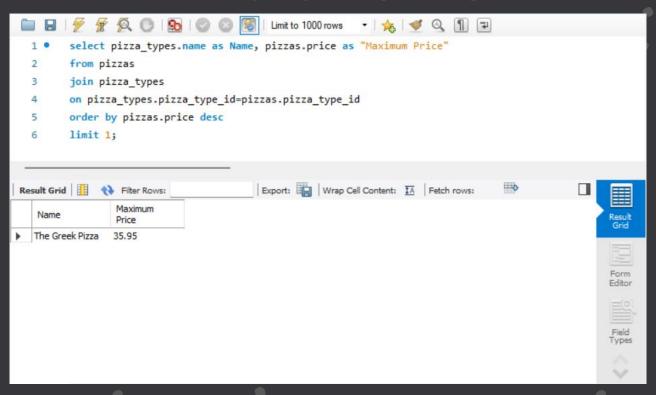








#### Q3. Identify highest prized pizza.



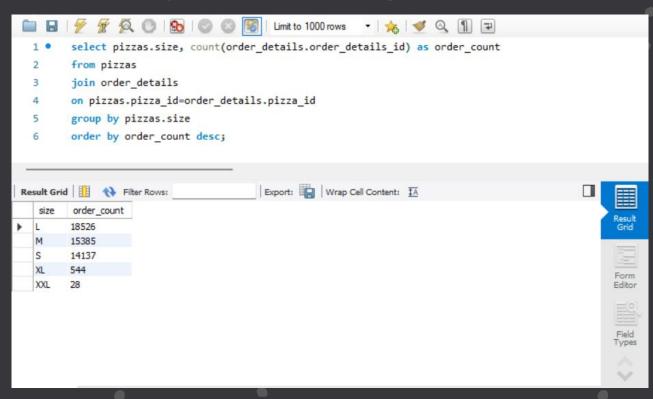








#### Q4. Identify most common pizza size ordered.

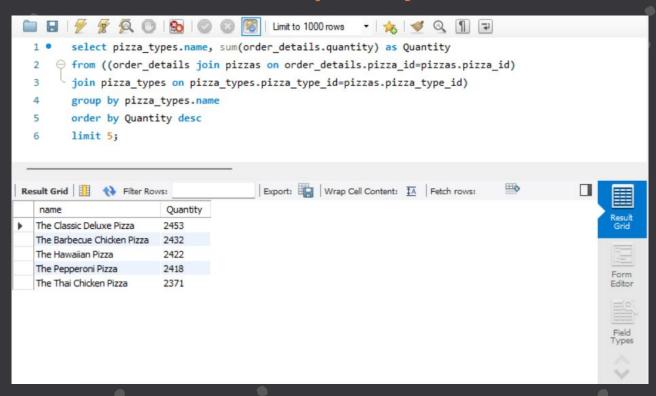








### Q5. List top 5 most ordered pizza types along their quantity.

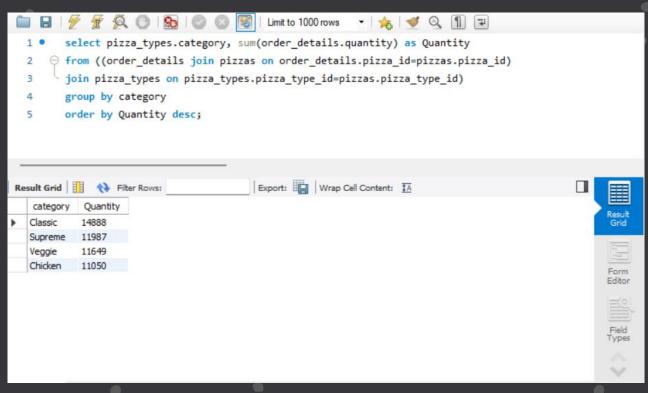








## Q6. Join necessary tables to find total quantity of each pizza category ordered.

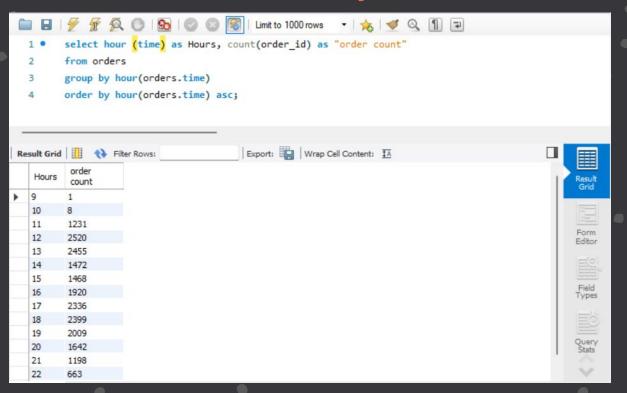








### Q7. Determine distribution of orders by hour of the day.

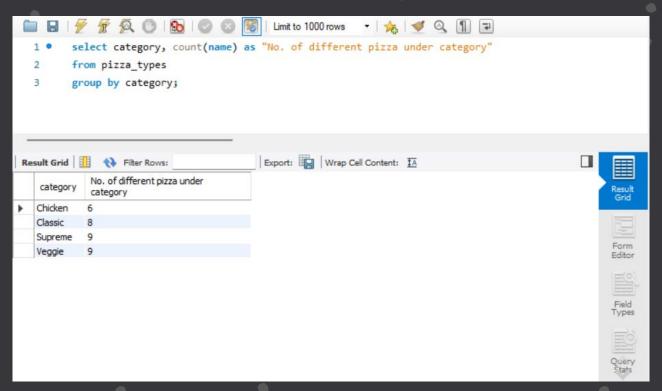








### Q8. Join relevant tables to find category wise distribution of pizza

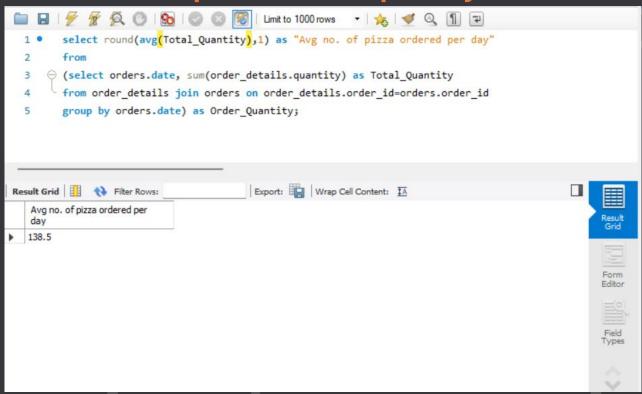








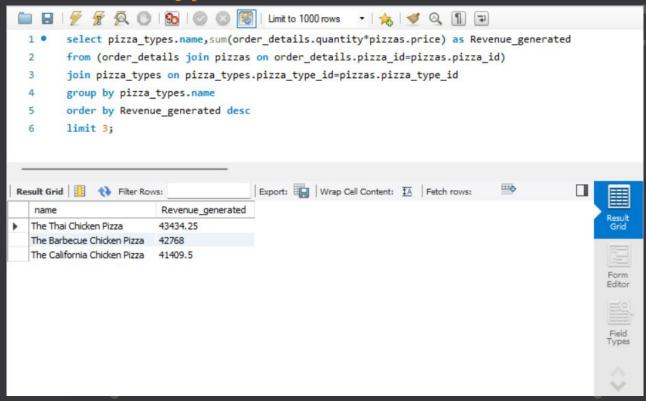
Q9. Group orders by date & calculate avg no. of pizza ordered per day.







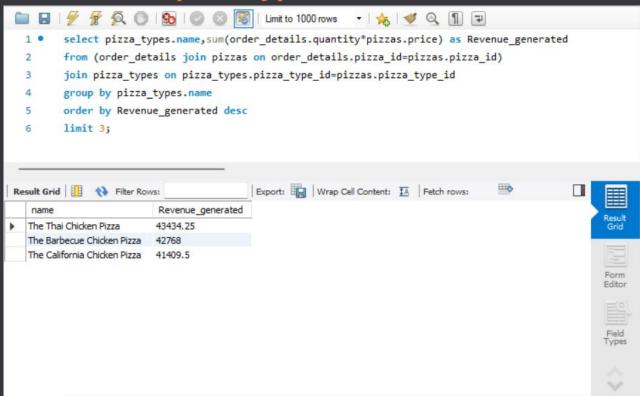
#### Q10. Determine top 3 most ordered pizza types based on revenue.

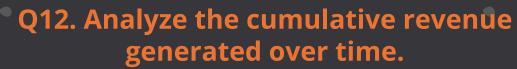


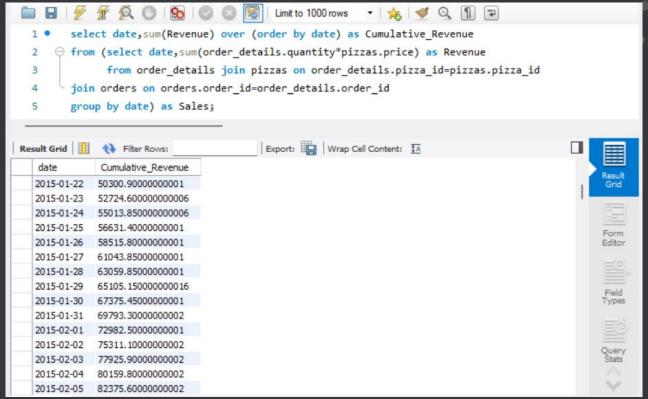




#### Q11. Calculate percentage contribution of each pizza type to total revenue.













Q13. Determine the top 3 most ordered pizza types based on revenue for each pizza category.

```
Limit to 1000 rows
         select name, Revenue
         from (select category,name,revenue,rank() over (partition by category
                order by revenue desc) as rn
                from (select pizza_types.category,pizza_types.name,
                       sum((order details.quantity)*pizzas.price) as revenue
                       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.category,pizza types.name) as a) as b
         where rn <=3;
Result Grid
              Filter Rows:
                                              Export: Wrap Cell Content: TA
                                                                                                               Revenue
   name
                                                                                                               Result
Grid
  The Thai Chicken Pizza
                           43434.25
  The Barbecue Chicken Pizza
                           42768
  The California Chicken Pizza
                           41409.5
  The Classic Deluxe Pizza
                           38180.5
                                                                                                               Form
                           32273.25
   The Hawaiian Pizza
                                                                                                               Editor
                           30161.75
  The Pepperoni Pizza
  The Spicy Italian Pizza
                           34831.25
  The Italian Supreme Pizza
                           33476.75
                                                                                                               Field
  The Sicilian Pizza
                           30940.5
                                                                                                               Types
  The Four Cheese Pizza
                           32265.70000000065
```









# Thanks!







