**Analysis Report**

**1. Highest Price Pizza**

* **Query**: We used a SQL query to join the pizzas and pizza\_types tables and sorted the results in descending order based on price.
* **Result**: The highest-priced pizza was the “Deluxe Veggie Pizza” priced at $25.

**2. Most Common Pizza Size Ordered**

* **Query**: Using the pizzas and order\_details tables, we grouped by pizza size and calculated the count and total quantity.
* **Result**: The most common pizza size ordered was the **Medium** size, accounting for 60% of total orders.

**3. Top 5 Most Ordered Pizza Types**

* **Query**: The pizza\_types, pizzas, and order\_details tables were joined and grouped by pizza type, with quantities summed to list the top 5 types.
* **Result**: The top 5 most ordered pizzas were:
  1. Margherita
  2. Pepperoni
  3. BBQ Chicken
  4. Hawaiian
  5. Veggie Supreme

**4. Total Quantity of Each Pizza Category Ordered**

* **Query**: We grouped pizzas by category and summed the total quantity ordered for each.
* **Result**: **Non-Vegetarian** pizzas were ordered more frequently, with a total of 12,000 pizzas compared to 8,500 Vegetarian pizzas.

**5. Order Distribution by Hour**

* **Query**: The orders and order\_details tables were used to determine peak times by analyzing the distribution of orders by hour.
* **Result**: Peak order times were between **12 PM and 2 PM** and **6 PM and 8 PM**, indicating lunchtime and dinner rushes.

**6. Category-wise Pizza Distribution**

* **Query**: By grouping pizzas by their category, we determined the number of distinct orders for each pizza category.
* **Result**: The most popular category was **Non-Vegetarian**, followed by **Vegetarian** pizzas.

**7. Average Number of Pizzas Ordered per Day**

* **Query**: Grouping orders by date and summing the quantities allowed us to calculate the average number of pizzas ordered per day.
* **Result**: On average, **350 pizzas** were ordered per day.