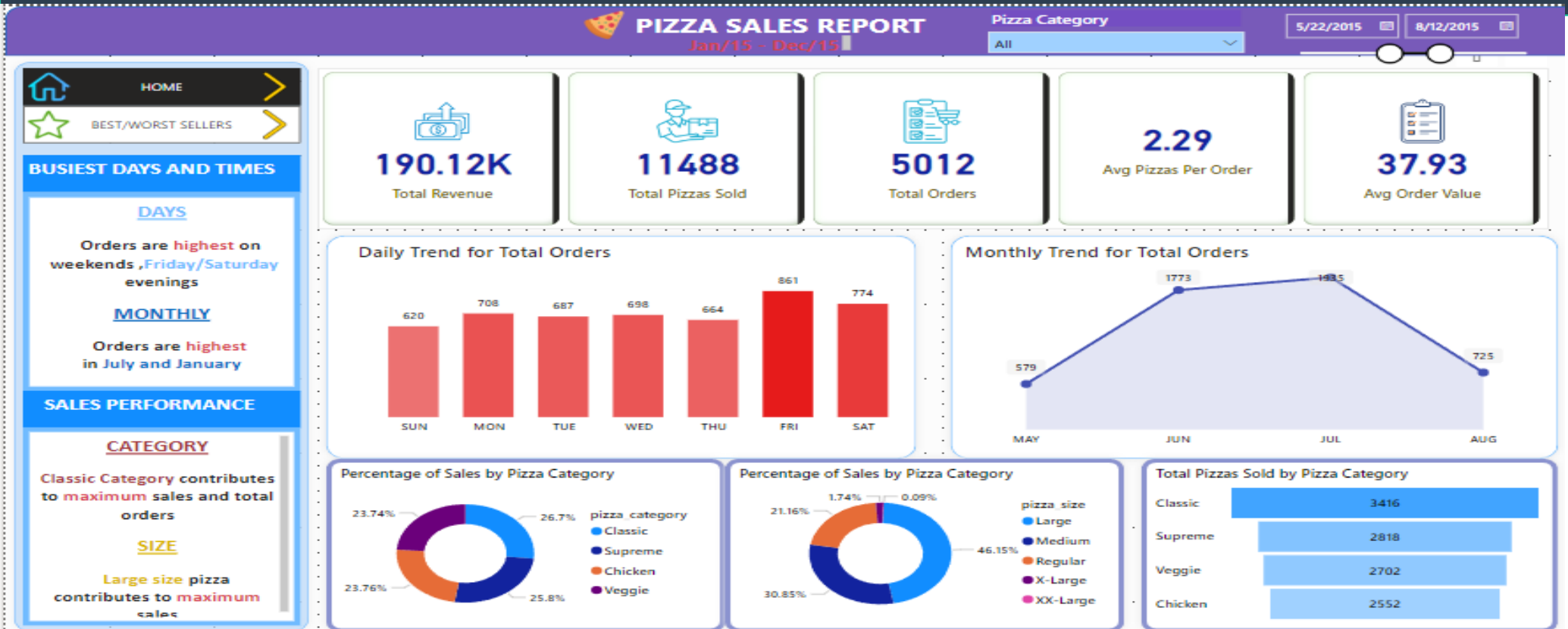
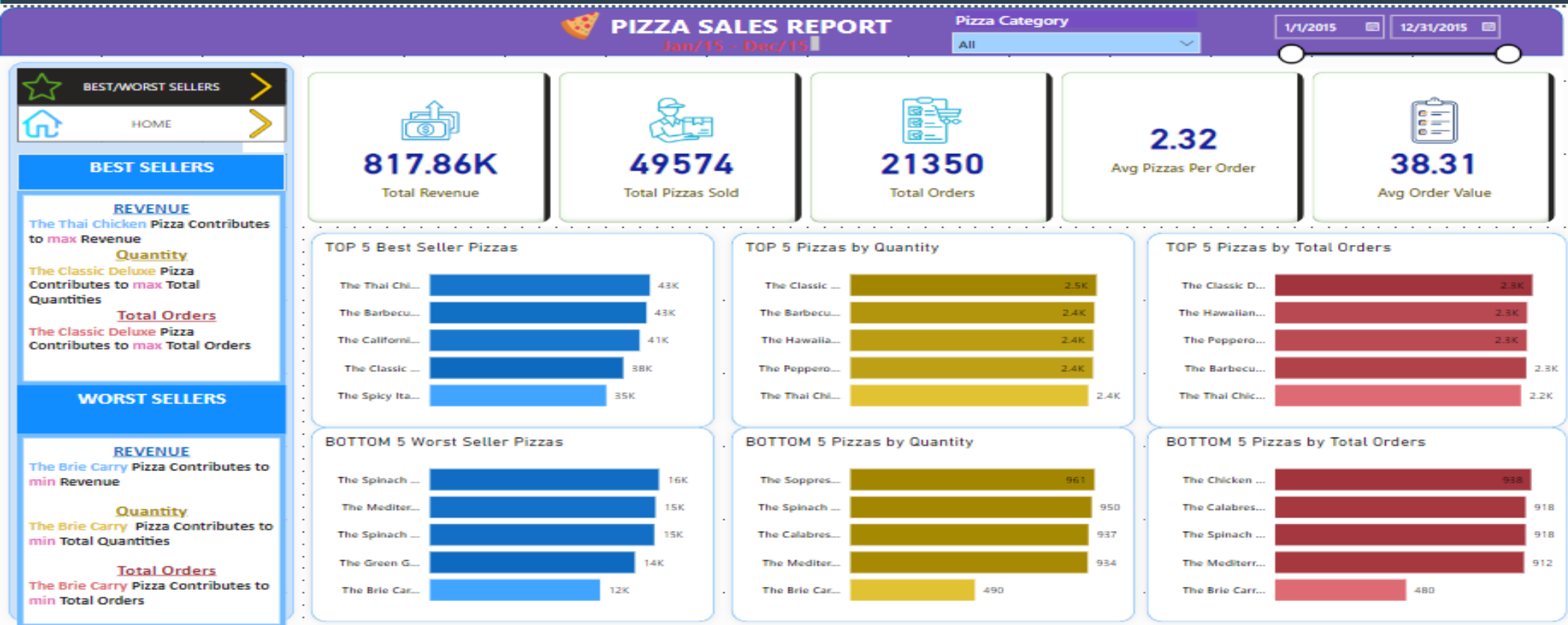


# Pizza Sales (SQL and Power BI)



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# PROBLEM STATEMENT

## KPI's REQUIREMENT

We need to analyze key indicators for our pizza sales data to gain insights into our business performance. Specifically, we want to calculate the following metrics:

1. **Total Revenue**: The sum of the total price of all pizza orders.
2. **Average Order Value**: The average amount spend per order,calculated by dividing the total revenue by the total number of orders.
3. **Total Pizzas Sold**: The sum of the quantities of all pizzas sold.
4. **Total Orders**: The total number of orders placed.
5. **Average Pizzas Per Order**: The average number of pizzas sold per order,calculated by dividing the total number of pizzas sold by the total number of orders

# PROBLEM STATEMENT

## CHARTS REQUIREMENT

We would like to visualize various aspects of our pizza sales data to gain insights and understand key trends. We have identified the following requirements for creating charts:

- 1. Daily Trend for Total Orders:** Create a bar chart that displays the daily trend of total orders over a specific time period. This chart will help us identify any patterns or fluctuations in order volumes on a daily basis.
- 2. Monthly Trend for Total Orders:** Create a line chart that illustrates the monthly trend of total orders throughout the year. This chart will allow us to identify peak hours or periods of high order activity.
- 3. Percentage of Sales by Pizza Category:** Create a pie chart that shows the distribution of sales across different pizza categories. This chart will provide insights into the popularity of various pizza categories and their contribution to overall sales.

# PROBLEM STATEMENT

## CHARTS REQUIREMENT

**4. Percentage of Sales by Pizza Size:** Generate a pie chart that represents the percentage of sales attributed to different pizza sizes. This chart will help us understand customer preferences for pizza sizes and their impact on sales.

**5.Total Pizzas Sold by Pizza Category:** Create a funnel chart that presents the total number of pizzas sold for each pizza category. This chart will allow us to compare the sales performance of different pizza categories

**6. Top 5 Best Sellers by Revenue, Total Quantity and Total Orders :**  
Create a bar chart highlighting the top 5 best-selling pizzas based on the Revenue, Total Quantity , Total Orders. This chart will help us identify the most popular pizza options

**7. Bottom 5 Best Sellers by Revenue, Total Quantity and Total Orders :**  
Create a bar chart showcasing the bottom 5 worst-selling pizzas based on the Revenue, Total Quantity , Total Orders. This chart will help us identify under performing or less popular pizza options