

# Pizza Sales Analysis Using

The MySQL logo, featuring a blue silhouette of a leaping animal (resembling a cat or a fish) above the word "MySQL" in a blue and orange font.

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# Introduction

- Leveraging SQL for pizza sales analysis offers significant business intelligence. We can glean customer preferences, identify high-demand items, and uncover temporal sales trends.
- Furthermore, by constructing a data dashboard, stakeholders gain a visually compelling and readily interpretable means to grasp these insights.



SQL ANALYSIS

EXCEL DASHBOARD

# Details of the Project

## Source of Data

- The data used is sourced from Kaggle published by Nehar Tiwari.
- Link: <https://www.kaggle.com/datasets/miniyadav/pizza-sales-case-study>

## Dataset Information

The dataset contains 4 csv files, name as follows with the following columns:

- orders.csv has columns : order\_id, date, time
- order\_details.csv has columns : order\_details\_id, order\_id, pizza\_id, quantity
- pizza\_types.csv has columns : pizza\_type\_id, name, category, ingredients
- pizzas.csv has columns : pizza\_id, pizza\_type\_id, size, price



kaggle



# Details of the Project

## KPI's

1. **Total Revenue:** This metric represents the sum of the total price for all pizza orders within the specified timeframe.
2. **Average Order Value:** This KPI reflects the average amount spent per order. It is calculated by dividing the total revenue by the total number of orders.
3. **Total Pizzas Sold:** This metric represents the total number of pizzas sold within the specified timeframe.
4. **Total Orders:** This KPI reflects the total number of orders placed within the specified timeframe.
5. **Average Pizzas per Order:** This metric indicates the average number of pizzas sold per order. It is calculated by dividing the total pizzas sold by the total number of orders.

By monitoring these KPIs, we can gain a comprehensive understanding of our pizza sales performance and identify areas for improvement.



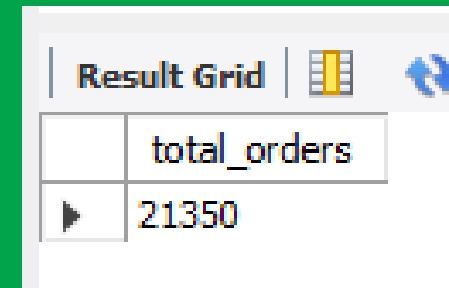
# Let's Start With SQL Queries





MySQL®

Retrieve the total number of orders placed.

```
SELECT  
    COUNT(order_id) AS total_orders  
FROM  
    orders;
```





A screenshot of a database query result grid. The grid has a header row with the column name 'total\_orders' and a data row with the value '21350'. The grid is titled 'Result Grid' and has a refresh button in the top right corner.

| Result Grid |              |  |  |
|-------------|--------------|---|---|
|             | total_orders |   |   |
| ▶           | 21350        |   |   |



# Calculate the total revenue generated from pizza sales.

```
SELECT
    ROUND(SUM(order_details.quantity * pizzas.price),
          2) AS total_revenue
FROM
    order_details
    JOIN
    pizzas ON pizzas.pizza_id = order_details.pizza_id
ORDER BY total_revenue DESC;
```

| Result Grid |               |  |  |
|-------------|---------------|---|---|
|             | total_revenue |   |   |
| ▶           | 817860.05     |   |   |

# Calculate the total pizza sold.

```
SELECT
    SUM(quantity) AS Total_Pizza_Sold
FROM
    order_details;
```

| Result Grid |                  |  |  |
|-------------|------------------|---|---|
|             | Total_Pizza_Sold |   |   |
| ▶           | 49574            |   |   |




# Identify the highest-priced pizza.

```
SELECT
    pizza_types.name, pizzas.price
FROM
    pizza_types
    JOIN
    pizzas ON pizza_types.pizza_type_id = pizzas.pizza_type_id
ORDER BY pizzas.price DESC
LIMIT 1;
```

| Result Grid |                 |       | Filter Rows |
|-------------|-----------------|-------|-------------|
|             | name            | price |             |
| ▶           | The Greek Pizza | 35.95 |             |

# Identify the most common pizza size ordered.

```
SELECT
    pz.size AS pizza_size,
    COUNT(pz.size) AS ordered_by_people,
    sum(od.quantity) as Total_Ordered
FROM
    order_details AS od
    JOIN
    pizzas AS pz
    ON od.pizza_id = pz.pizza_id
GROUP BY pizza_size
ORDER BY Total_Ordered DESC
limit 1;
```

| Result Grid   |            |                   |               |
|---|------------|-------------------|---------------|
|  Filter Rows: <input type="text"/> |            |                   |               |
|   | pizza_size | ordered_by_people | Total_Ordered |
| ▶   | L          | 18526             | 18956         |

# Calculate the percentage sales by pizza size

```
WITH cte AS (  
  SELECT  
    pz.size AS pizza_size,  
    ROUND(SUM(od.quantity * pz.price), 2) AS total_price  
  FROM  
    pizza_types AS pzt  
  JOIN  
    pizzas AS pz ON pzt.pizza_type_id = pz.pizza_type_id  
  JOIN  
    order_details AS od ON od.pizza_id = pz.pizza_id  
  GROUP BY pz.size  
)  
SELECT pizza_size,  
  CAST(SUM(total_price) AS DECIMAL(10,2)) AS Total_Revenue,  
  CAST(SUM(total_price) * 100 / (SELECT SUM(total_price) FROM cte) AS DECIMAL(10,2)) AS PCT  
FROM cte  
GROUP BY pizza_size  
ORDER BY pizza_size;
```

|   | pizza_size | Total_Revenue | PCT   |
|---|------------|---------------|-------|
| ▶ | L          | 375318.70     | 45.89 |
|   | M          | 249382.25     | 30.49 |
|   | S          | 178076.50     | 21.77 |
|   | XL         | 14076.00      | 1.72  |
|   | XXL        | 1006.60       | 0.12  |

# Calculate the total pizza sold by each pizza category.

```
SELECT
  pzt.category AS 'pizza_category',
  SUM(od.quantity) AS Total_Quantity_Sold
FROM
  pizza_types pzt
  JOIN
  pizzas pz ON pzt.pizza_type_id = pz.pizza_type_id
  JOIN
  order_details od ON pz.pizza_id = od.pizza_id
  JOIN
  orders o ON od.order_id = o.order_id
WHERE
  MONTH(o.order_date) = 2
GROUP BY pizza_category
ORDER BY Total_Quantity_Sold DESC;
```

|   | pizza_category | Total_Quantity_Sold |
|---|----------------|---------------------|
| ► | Classic        | 1178                |
|   | Supreme        | 964                 |
|   | Veggie         | 944                 |
|   | Chicken        | 875                 |

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

```
SELECT
    pzt.name AS pizza_name, SUM(od.quantity) AS pizza_quantity
FROM
    pizza_types AS pzt
    JOIN
    pizzas AS pz ON pzt.pizza_type_id = pz.pizza_type_id
    JOIN
    order_details AS od ON od.pizza_id = pz.pizza_id
GROUP BY pizza_name
ORDER BY pizza_quantity DESC
LIMIT 5
;
```

| Result Grid |                            |                | Filter Rows: |
|-------------|----------------------------|----------------|--------------|
|             | pizza_name                 | pizza_quantity |              |
| ▶           | The Classic Deluxe Pizza   | 2453           |              |
|             | The Barbecue Chicken Pizza | 2432           |              |
|             | The Hawaiian Pizza         | 2422           |              |
|             | The Pepperoni Pizza        | 2418           |              |
|             | The Thai Chicken Pizza     | 2371           |              |

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

```
SELECT
    pzt.name AS pizza_name, SUM(od.quantity) AS pizza_quantity
FROM
    pizza_types AS pzt
    JOIN
    pizzas AS pz ON pzt.pizza_type_id = pz.pizza_type_id
    JOIN
    order_details AS od ON od.pizza_id = pz.pizza_id
GROUP BY pizza_name
ORDER BY pizza_quantity ASC
LIMIT 5
;
```

|   | pizza_name                | pizza_quantity |
|---|---------------------------|----------------|
| ▶ | The Brie Carre Pizza      | 490            |
|   | The Mediterranean Pizza   | 934            |
|   | The Calabrese Pizza       | 937            |
|   | The Spinach Supreme Pizza | 950            |
|   | The Soppressata Pizza     | 961            |



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

```
SELECT
    distinct pzt.category, SUM(od.quantity) AS total_ordered
FROM
    pizza_types AS pzt
    JOIN
    pizzas AS pz ON pzt.pizza_type_id = pz.pizza_type_id
    JOIN
    order_details AS od ON od.pizza_id = pz.pizza_id
GROUP BY pzt.category
ORDER BY total_ordered DESC;
```

| Result Grid |          |               | Filter Rows |
|-------------|----------|---------------|-------------|
|             | category | total_ordered |             |
| ▶           | Classic  | 14888         |             |
|             | Supreme  | 11987         |             |
|             | Veggie   | 11649         |             |
|             | Chicken  | 11050         |             |

# Join the necessary tables to find the percentage sales by each pizza category.

```
with cte as (  
  SELECT  
    pzt.category as 'pizza_category',  
    ROUND(SUM(od.quantity * pz.price),2) as 'total_price'  
  FROM  
    pizza_types AS pzt  
    JOIN  
    pizzas AS pz ON pzt.pizza_type_id = pz.pizza_type_id  
    JOIN  
    order_details AS od ON od.pizza_id = pz.pizza_id  
  GROUP BY pzt.category )  
  
SELECT pizza_category, CAST(SUM(total_price) AS DECIMAL(10,2)) AS Total_Revenue,  
CAST(SUM(total_price) * 100 / (SELECT SUM(total_price)  
from cte ) AS DECIMAL(10,2)) AS PCT  
FROM cte  
GROUP BY pizza_category;
```

|   | pizza_category | Total_Revenue | PCT   |
|---|----------------|---------------|-------|
| ▶ | Classic        | 220053.10     | 26.91 |
|   | Veggie         | 193690.45     | 23.68 |
|   | Supreme        | 208197.00     | 25.46 |
|   | Chicken        | 195919.50     | 23.96 |



# Determine the daily trend of orders

```
SELECT
    DAYNAME(o.order_date) AS Order_Day,
    COUNT(DISTINCT od.order_id) AS Total_Orders
FROM
    orders o
    JOIN
    order_details od ON o.order_id = od.order_id
GROUP BY DAYNAME(o.order_date)
ORDER BY DAYNAME(o.order_date);
```

| Result Grid |           |              | Filter Rows |
|-------------|-----------|--------------|-------------|
|             | Order_Day | Total_Orders |             |
| ▶           | Friday    | 3538         |             |
|             | Monday    | 2794         |             |
|             | Saturday  | 3158         |             |
|             | Sunday    | 2624         |             |
|             | Thursday  | 3239         |             |
|             | Tuesday   | 2973         |             |
|             | Wednesday | 3024         |             |

# Determine the hourly trend of orders

```
SELECT
    HOUR(o.order_time) AS hours,
    COUNT(DISTINCT o.order_id) AS total_orders,
    SUM(od.quantity) AS total_quantity
FROM
    orders o
    JOIN
    order_details od ON o.order_id = od.order_id
GROUP BY HOUR(o.order_time)
ORDER BY hours ASC;
```

| Result Grid   Filter Rows: <input type="text"/> |       |              |                |
|---|-------|--------------|----------------|
|   | hours | total_orders | total_quantity |
| ▶   | 9     | 1            | 4              |
|   | 10    | 8            | 18             |
|   | 11    | 1231         | 2728           |
|   | 12    | 2520         | 6776           |
|   | 13    | 2455         | 6413           |
|   | 14    | 1472         | 3613           |
|   | 15    | 1468         | 3216           |
|   | 16    | 1920         | 4239           |
|   | 17    | 2336         | 5211           |
|   | 18    | 2399         | 5417           |
|   | 19    | 2009         | 4406           |
|   | 20    | 1642         | 3534           |
|   | 21    | 1198         | 2545           |
|   | 22    | 663          | 1386           |
|   | 23    | 28           | 68             |

Determine the distribution of orders by hour of the day.

```
SELECT
    HOUR(order_time) AS Order_Hour,
    COUNT(order_id) AS Order_id
FROM
    orders
GROUP BY HOUR(order_time);
```

| Result Grid |            |          | Filter F |
|-------------|------------|----------|----------|
|             | Order_Hour | Order_id |          |
| ▶           | 11         | 1231     |          |
|             | 12         | 2520     |          |
|             | 13         | 2455     |          |
|             | 14         | 1472     |          |
|             | 15         | 1468     |          |
|             | 16         | 1920     |          |
|             | 17         | 2336     |          |
|             | 18         | 2399     |          |
|             | 19         | 2009     |          |
|             | 20         | 1642     |          |
|             | 21         | 1198     |          |
|             | 22         | 663      |          |
|             | 23         | 28       |          |
|             | 10         | 8        |          |
|             | 9          | 1        |          |

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

```
SELECT
    category, COUNT(name)
FROM
    pizza_types
GROUP BY category;
```

|   | category | COUNT(name) |
|---|----------|-------------|
| ▶ | Chicken  | 6           |
|   | Classic  | 8           |
|   | Supreme  | 9           |
|   | Veggie   | 9           |



# Calculate the average number of pizzas ordered per day.

```
with cte as (  
  select o.order_date as O_Date, sum(od.quantity) as qty  
  from orders o  
  join order_details od  
  on o.order_id = od.order_id  
  group by O_Date)  
  
select round(avg(qty),0) as avg_pizza_ordered_per_day from cte;
```

| Result Grid |                           | Filter Rows: |
|-------------|---------------------------|--------------|
|             | avg_pizza_ordered_per_day |              |
| ▶           | 138                       |              |

# Calculate the average order per value.

```
with cte as(  
  select  
    ROUND(SUM(od.quantity * pz.price),2) as 'total_price',  
    count(distinct od.order_id) as 'total_orders'  
  from order_details od  
  join  
    pizzas pz  
  on od.pizza_id = pz.pizza_id)  
  
select (total_price/total_orders) as Avg_Order_Value from cte;
```

| Result Grid |                   | Filter Rows |
|-------------|-------------------|-------------|
|             | Avg_Order_Value   |             |
| ▶           | 38.30726229508197 |             |

# Calculate the average pizzas per order

```
SELECT
    CAST(
        CAST(SUM(quantity) AS DECIMAL (10 , 2 ))
        /
        CAST(COUNT(DISTINCT order_id) AS DECIMAL (10 , 2 ))
        AS DECIMAL (10 , 2 )
    ) AS Avg_Pizzas_Per_Order
FROM
    order_details;
```

| Result Grid |                      | Filter Rows: |
|-------------|----------------------|--------------|
|             | Avg_Pizzas_Per_Order |              |
| ▶           | 2.32                 |              |

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

```
SELECT
    pzt.name AS 'P_name',
    ROUND(SUM(pz.price * od.quantity), 2) AS 'Revenue'
FROM
    pizza_types AS pzt
    JOIN
    pizzas AS pz ON pz.pizza_type_id = pzt.pizza_type_id
    JOIN
    order_details AS od ON od.pizza_id = pz.pizza_id
GROUP BY P_name
ORDER BY Revenue DESC
LIMIT 3;
```

| Result Grid |                              |          | Filter Rows: |
|-------------|------------------------------|----------|--------------|
|             | P_name                       | Revenue  |              |
| ▶           | The Thai Chicken Pizza       | 43434.25 |              |
|             | The Barbecue Chicken Pizza   | 42768    |              |
|             | The California Chicken Pizza | 41409.5  |              |

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

```
WITH
  revenue AS (
    SELECT
      pzt.name AS 'P_name',
      ROUND(SUM(pz.price * od.quantity), 2) AS 'rev'
    FROM
      pizza_types AS pzt
      JOIN pizzas AS pz ON pz.pizza_type_id = pzt.pizza_type_id
      JOIN order_details AS od ON od.pizza_id = pz.pizza_id
    GROUP BY
      P_name
  ),
  total_sales AS (
    SELECT
      ROUND(SUM(od.quantity * pz.price), 2) AS ts
    FROM
      order_details AS od
      JOIN pizzas AS pz ON pz.pizza_id = od.pizza_id
  )
SELECT
  P_name,
  ROUND((rev / (SELECT ts FROM total_sales)) * 100, 2) AS percentage
FROM
  revenue;
```

| Result Grid |                                   | Filter Rows: |
|-------------|-----------------------------------|--------------|
|             | P_name                            | percentage   |
| ▶           | The Hawaiian Pizza                | 3.95         |
|             | The Classic Deluxe Pizza          | 4.67         |
|             | The Five Cheese Pizza             | 3.19         |
|             | The Italian Supreme Pizza         | 4.09         |
|             | The Mexicana Pizza                | 3.27         |
|             | The Thai Chicken Pizza            | 5.31         |
|             | The Prosciutto and Arugula Pizza  | 2.96         |
|             | The Barbecue Chicken Pizza        | 5.23         |
|             | The Greek Pizza                   | 3.48         |
|             | The Spinach Supreme Pizza         | 1.87         |
|             | The Green Garden Pizza            | 1.71         |
|             | The Italian Capocollo Pizza       | 3.07         |
|             | The Spicy Italian Pizza           | 4.26         |
|             | The Spinach Pesto Pizza           | 1.91         |
|             | The Vegetables + Vegetables Pi... | 2.98         |
|             | The Southwest Chicken Pizza       | 4.24         |
|             | The California Chicken Pizza      | 5.06         |
|             | The Pepperoni Pizza               | 3.69         |
|             | The Chicken Pesto Pizza           | 2.04         |
|             | The Big Meat Pizza                | 2.81         |
|             | The Soppressata Pizza             | 2.01         |
|             | The Four Cheese Pizza             | 3.95         |
|             | The Napolitana Pizza              | 2.95         |
|             | The Calabrese Pizza               | 1.95         |
|             | The Italian Vegetables Pizza      | 1.96         |
|             | The Mediterranean Pizza           | 1.88         |
|             | The Pepper Salami Pizza           | 3.12         |
|             | The Spinach and Feta Pizza        | 2.85         |
|             | The Sicilian Pizza                | 3.78         |
|             | The Chicken Alfredo Pizza         | 2.07         |
|             | The Pepperoni, Mushroom, and ...  | 2.3          |
|             | The Brie Carre Pizza              | 1.42         |

# Analyze the revenue generated per day and the percentage contribution to total revenue.


```
with rvpd as (  
  select  
    date(o.order_date) as Ord_date,  
    round(sum(od.quantity*pz.price),2) as revenue_per_day  
  from  
    orders as o  
  join  
    order_details as od  
  on o.order_id = od.order_id  
  join  
    pizzas as pz  
  on od.pizza_id = pz.pizza_id  
  group by Ord_date),  
  
total_sales AS (  
  SELECT  
    ROUND(SUM(od.quantity * pz.price), 2) AS ts  
  FROM  
    order_details AS od  
  JOIN pizzas AS pz ON pz.pizza_id = od.pizza_id  
)  
  
SELECT  
  Ord_date, revenue_per_day,  
  ROUND((revenue_per_day / (SELECT ts FROM total_sales)) * 100, 2) AS percentage  
FROM  
  rvpd;
```

| Result Grid  |            |                 |            |
|--------------|------------|-----------------|------------|
| Filter Rows: |            |                 |            |
|              | Ord_date   | revenue_per_day | percentage |
| ▶            | 2015-01-01 | 2713.85         | 0.33       |
|              | 2015-01-02 | 2731.9          | 0.33       |
|              | 2015-01-03 | 2662.4          | 0.33       |
|              | 2015-01-04 | 1755.45         | 0.21       |
|              | 2015-01-05 | 2065.95         | 0.25       |
|              | 2015-01-06 | 2428.95         | 0.3        |
|              | 2015-01-07 | 2202.2          | 0.27       |
|              | 2015-01-08 | 2838.35         | 0.35       |
|              | 2015-01-09 | 2127.35         | 0.26       |
|              | 2015-01-10 | 2463.95         | 0.3        |
|              | 2015-01-11 | 1872.3          | 0.23       |
|              | 2015-01-12 | 1919.05         | 0.23       |
|              | 2015-01-13 | 2049.6          | 0.25       |
|              | 2015-01-14 | 2527.4          | 0.31       |
|              | 2015-01-15 | 1984.8          | 0.24       |
|              | 2015-01-16 | 2594.15         | 0.32       |
|              | 2015-01-17 | 2064.1          | 0.25       |
|              | 2015-01-18 | 1976.85         | 0.24       |
|              | 2015-01-19 | 2387.15         | 0.29       |
|              | 2015-01-20 | 2397.9          | 0.29       |



# Analyze the cumulative revenue generated over time.

```
with sales as (  
  select  
    o.order_date as Ord_date,  
    round(sum(od.quantity*pz.price),2) as revenue_per_day  
  from  
    orders as o  
  join  
    order_details as od  
  on o.order_id = od.order_id  
  join  
    pizzas as pz  
  on od.pizza_id = pz.pizza_id  
  group by Ord_date)  
  
select Ord_date,  
sum(revenue_per_day) over(order by Ord_date) as cum_revenue from sales;
```

| Result Grid |            |  Filter Rows: |  |
|-------------|------------|--|--|
|             | Ord_date   | cum_revenue  |  |
|             | 2015-01-01 | 2713.85  |  |
|             | 2015-01-02 | 5445.75  |  |
|             | 2015-01-03 | 8108.15  |  |
|             | 2015-01-04 | 9863.6   |  |
|             | 2015-01-05 | 11929.55   |  |
|             | 2015-01-06 | 14358.5  |  |
|             | 2015-01-07 | 16560.7  |  |
|             | 2015-01-08 | 19399.05   |  |
|             | 2015-01-09 | 21526.399999999998   |  |
|             | 2015-01-10 | 23990.35   |  |
|             | 2015-01-11 | 25862.649999999998   |  |
|             | 2015-01-12 | 27781.699999999997   |  |
|             | 2015-01-13 | 29831.299999999996   |  |
|             | 2015-01-14 | 32358.699999999997   |  |
|             | 2015-01-15 | 34343.5  |  |
|             | 2015-01-16 | 36937.65   |  |
|             | 2015-01-17 | 39001.75   |  |
|             | 2015-01-18 | 40978.6  |  |
|             | 2015-01-19 | 43365.75   |  |
|             | 2015-01-20 | 45763.65   |  |
|             | 2015-01-21 | 47804.200000000004   |  |
|             | 2015-01-22 | 50300.9  |  |
|             | 2015-01-23 | 52724.6  |  |
|             | 2015-01-24 | 55013.85   |  |
|             | 2015-01-25 | 56631.4  |  |
|             | 2015-01-26 | 58515.8  |  |

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

```
with ranking as (  
  with cte as (  
    select pzt.category as 'cat', pzt.name 'pname',  
    round(sum(od.quantity * pz.price),2) as revenue  
    from  
    pizza_types as pzt  
    join  
    pizzas as pz  
    on pzt.pizza_type_id = pz.pizza_type_id  
    join order_details as od  
    on od.pizza_id = pz.pizza_id  
    group by cat,pname)  
  
    select cat,pname,revenue,  
    rank() over(partition by cat order by revenue desc) as rnk  
    from cte)  
  
  select * from ranking  
  where rnk<=3;
```

| Result Grid |         |                              |          |     | Filter Rows: | Export: |
|-------------|---------|------------------------------|----------|-----|--------------|---------|
|             | cat     | pname                        | revenue  | rnk |              |         |
| ▶           | Chicken | The Thai Chicken Pizza       | 43434.25 | 1   |              |         |
|             | Chicken | The Barbecue Chicken Pizza   | 42768    | 2   |              |         |
|             | Chicken | The California Chicken Pizza | 41409.5  | 3   |              |         |
|             | Classic | The Classic Deluxe Pizza     | 38180.5  | 1   |              |         |
|             | Classic | The Hawaiian Pizza           | 32273.25 | 2   |              |         |
|             | Classic | The Pepperoni Pizza          | 30161.75 | 3   |              |         |
|             | Supreme | The Spicy Italian Pizza      | 34831.25 | 1   |              |         |
|             | Supreme | The Italian Supreme Pizza    | 33476.75 | 2   |              |         |
|             | Supreme | The Sicilian Pizza           | 30940.5  | 3   |              |         |
|             | Veggie  | The Four Cheese Pizza        | 32265.7  | 1   |              |         |
|             | Veggie  | The Mexicana Pizza           | 26780.75 | 2   |              |         |
|             | Veggie  | The Five Cheese Pizza        | 26066.5  | 3   |              |         |

# Let's Start With Creating Dashboard in



# Excel

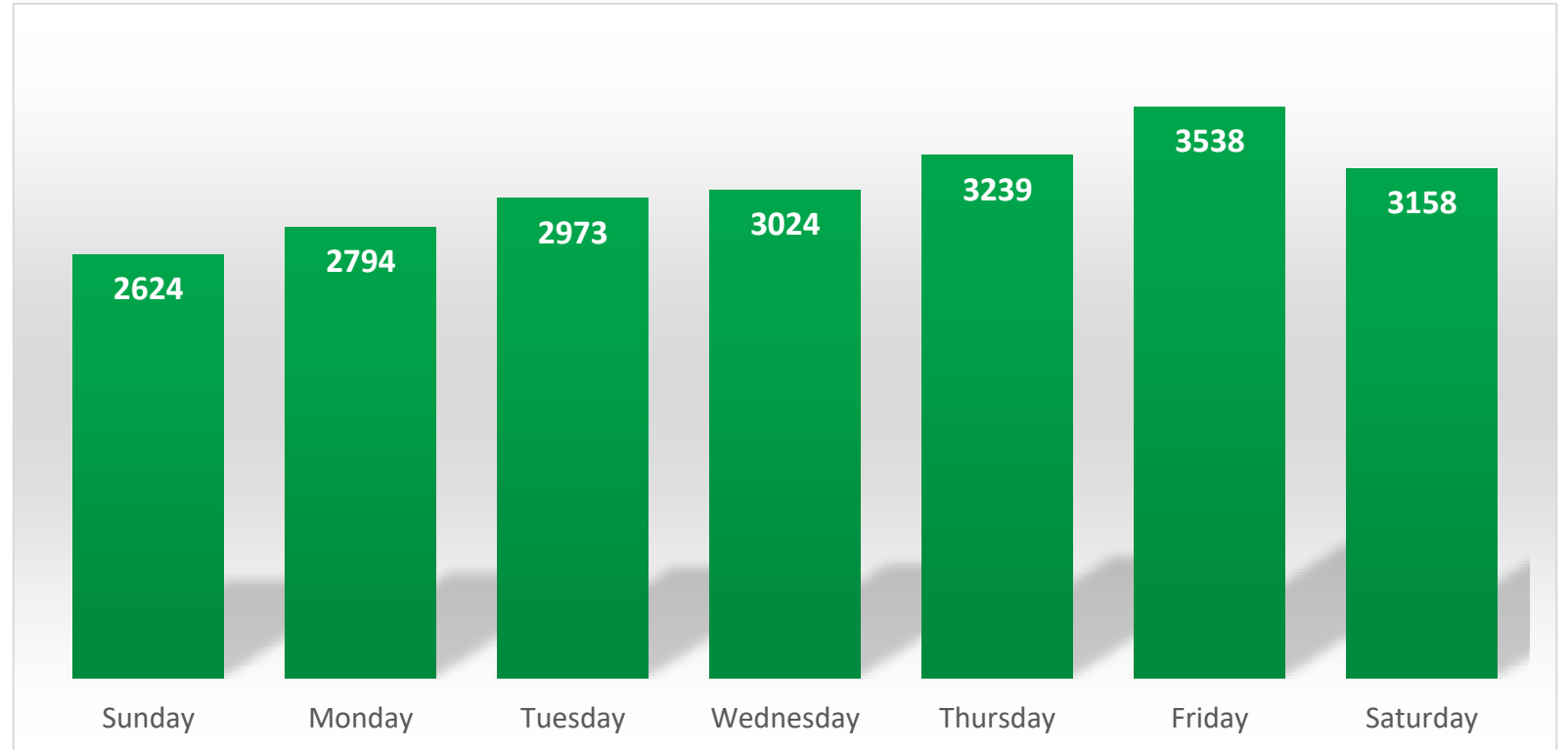
# KPIs Creation

| Total Revenue      | Total Orders      | Total Pizza Sold |
|--------------------|-------------------|------------------|
| Sum of total_price | Sum of total_orde | Sum of quantity  |
| 817860.05          | 21350             | 49574            |

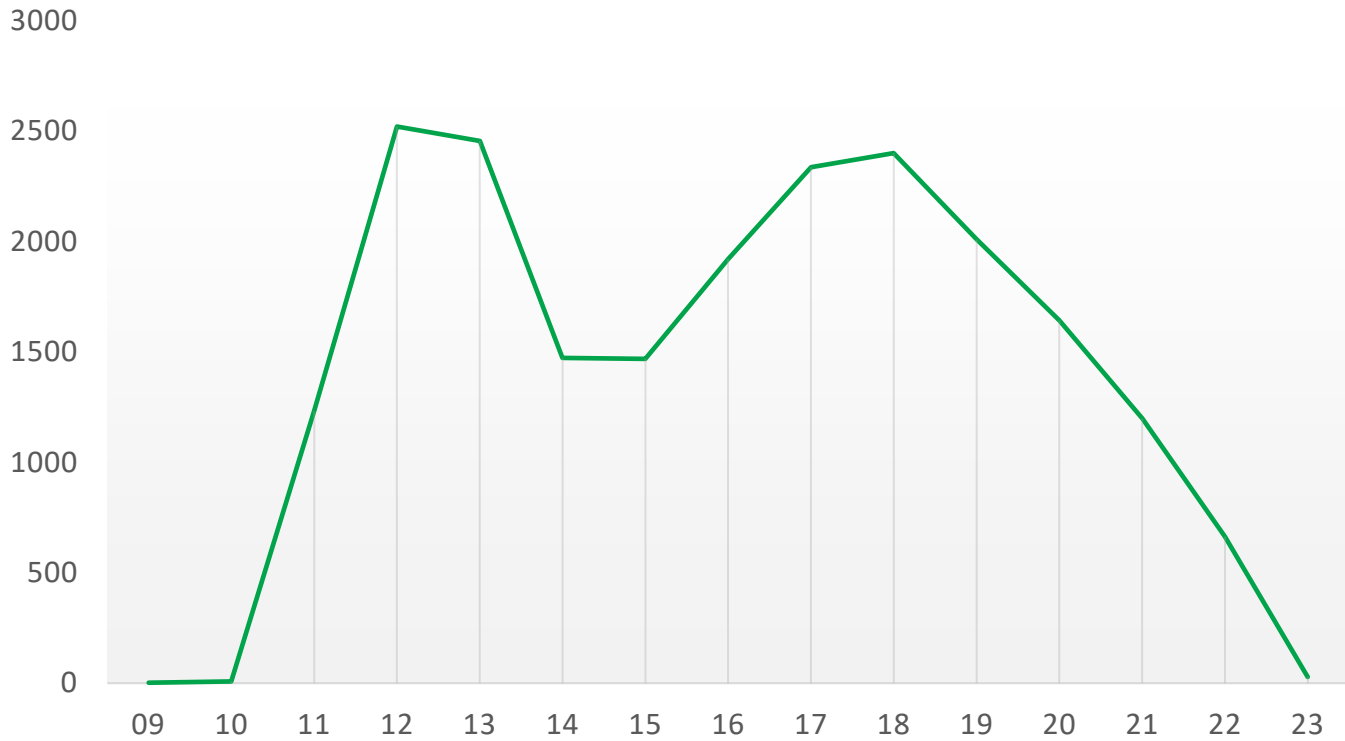
| Avg.Order Value |                                  |
|-----------------|----------------------------------|
| \$38.31         | = [Total Revenue]/[Total Orders] |

| Avg. Pizza Per Order |                                     |
|----------------------|-------------------------------------|
| 2.32                 | = [Total Pizza Sold]/[Total Orders] |

# Daily Trends for Total Orders

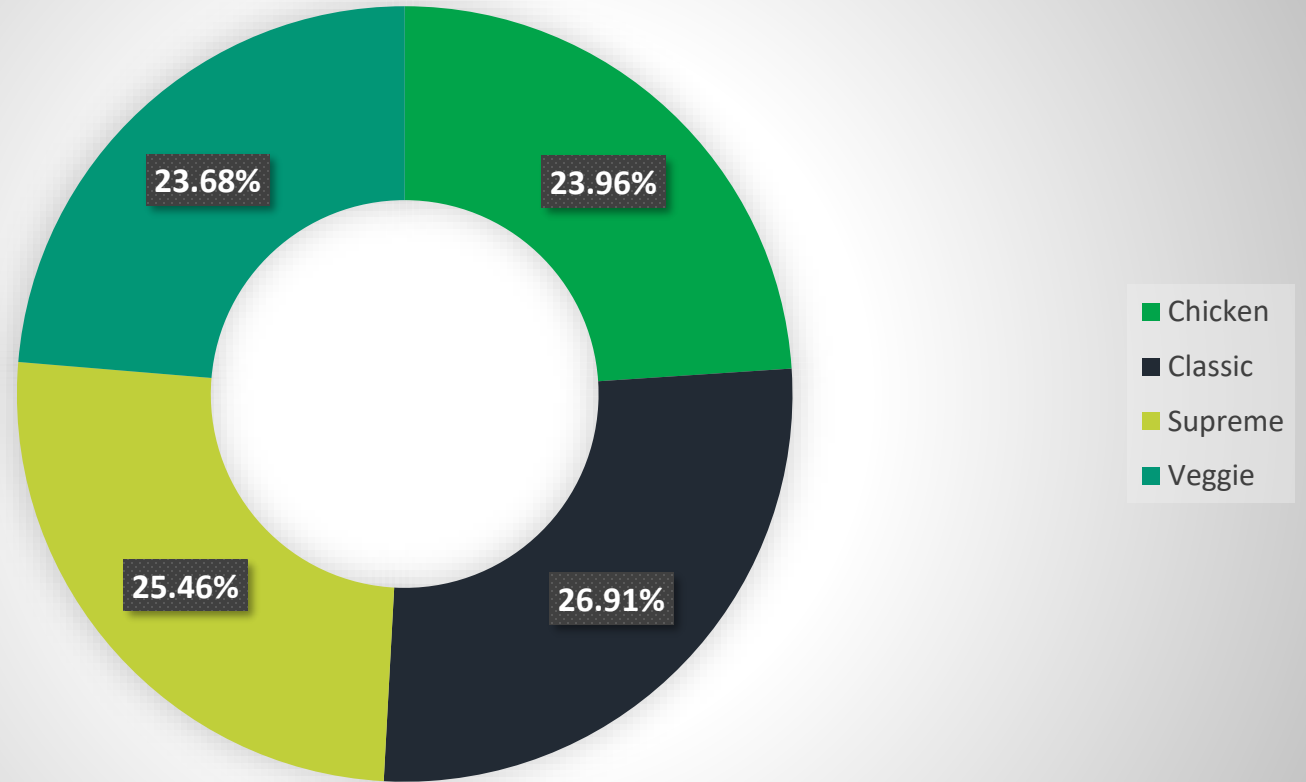


# Hourly Trends for Total Orders

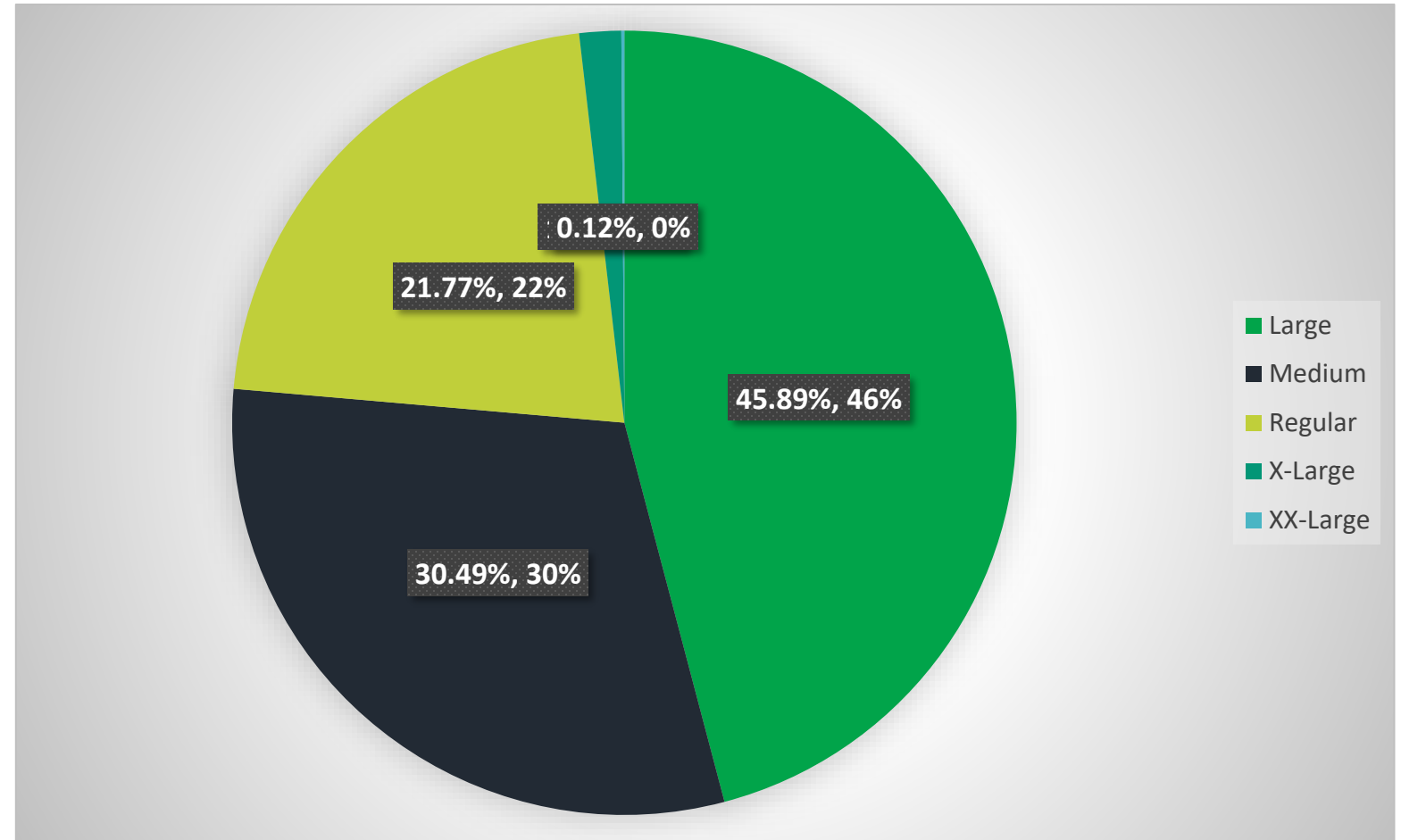




# %age of Sales by Pizza Category



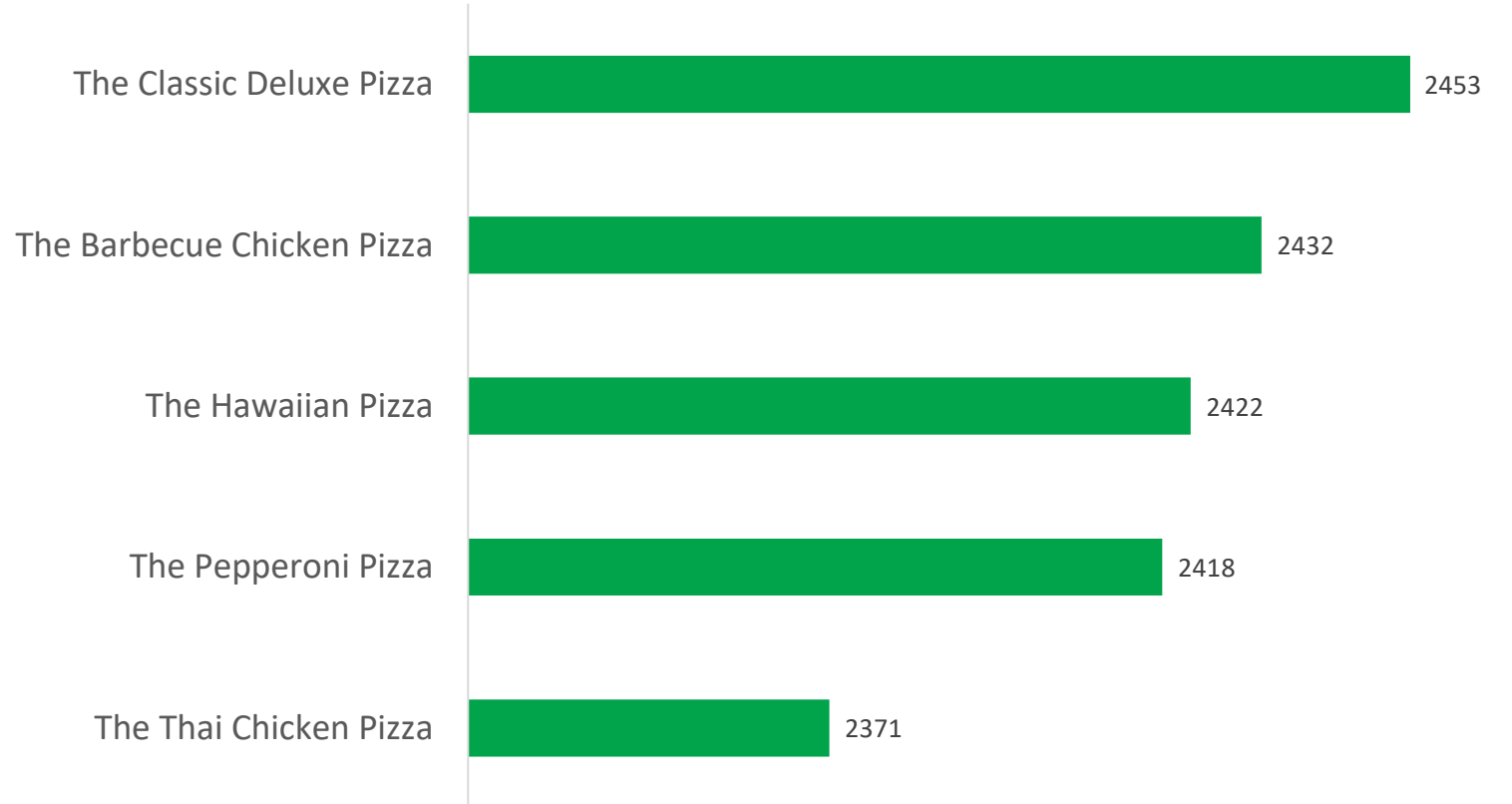
# %age of Sales by Pizza Size



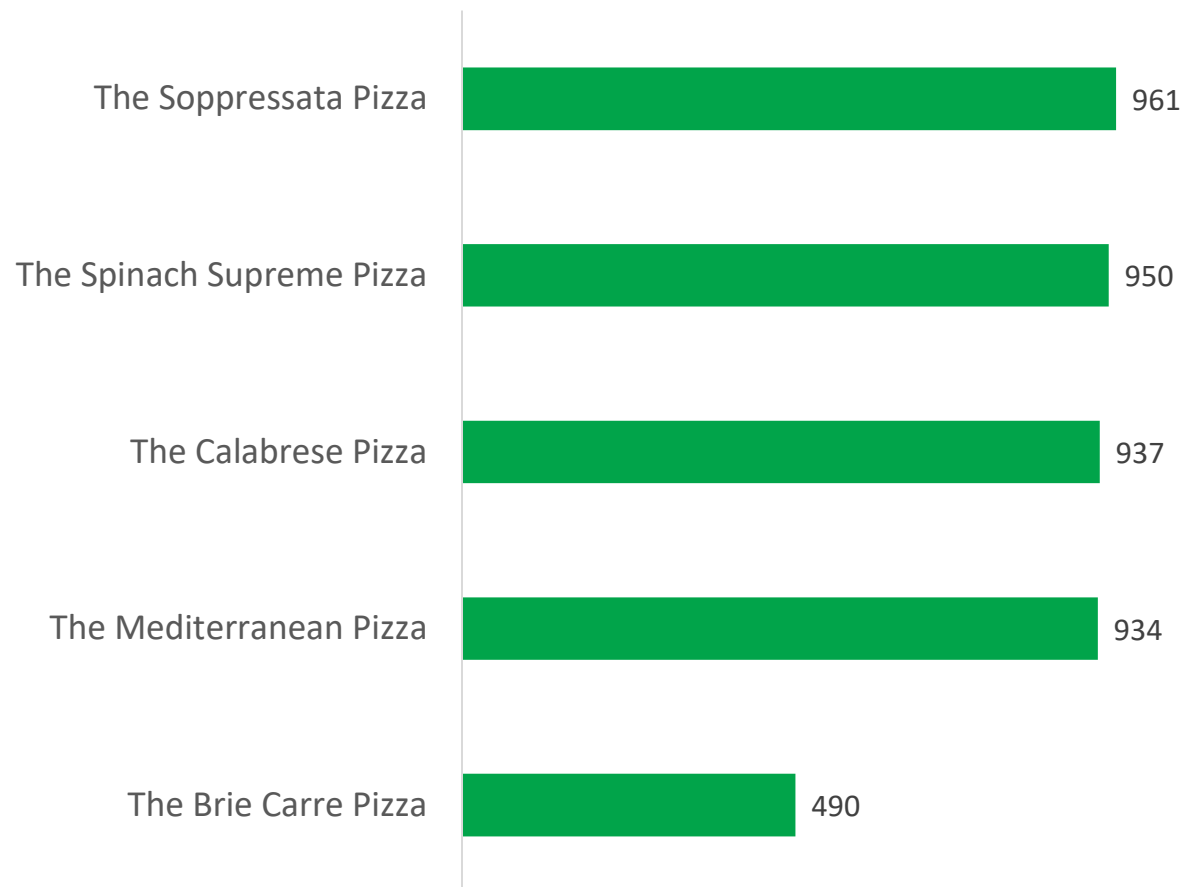
# Total Pizza Sold by Pizza Category



# Top 5 Selling



# Worst 5 Selling





# Pizza Sales Dashboard

## Busiest Days & Times

### DAYS

Orders are highest on Friday/Saturday evenings.

### TIMES

The maximum orders are between 12 to 1pm & 4 to 8pm.

## Sales by Category & Size

### CATEGORIES

Classic Category has the maximum sales & total orders.

### PIZZA SIZES

Maximum

## Best & Worst Sellers

### BEST

Classic Deluxe & Chicken pizzas are the sellers and generate the most revenue.

### WORST

Vegetable Curry is at the bottom of the list in terms of revenue.

# Sales Dashboard



# Pizza Sales Dashboard

Total Revenue  
**\$8,17,860**

Avg. Order Value  
**\$38.31**

Total Pizza Sold  
**49,574**

Total Orders  
**21,350**

Avg. Pizza Per Order  
**2.32**

## Busiest Days & Times

### DAYS

Orders are **highest** on Friday/Saturday evenings.

### TIMES

The **maximum** orders are between 12 to 1pm & 4 to 8pm

## Sales by Category & Size

### CATEGORY

Classic category contributes to maximum sales & total orders.

### SIZE

Large size pizza contributes to maximum sales.

## Best & Worst Sellers

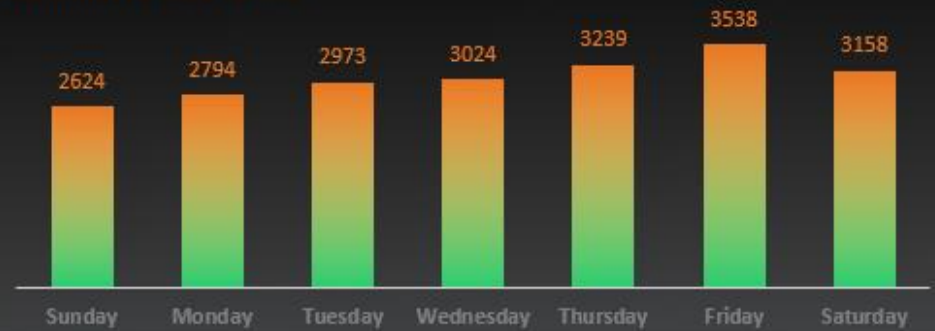
### BEST

Classic Deluxe & Chicken pizzas are the sellers and revenue generators

### WORST

The Brie Carre is at the bottom in both orders and revenue

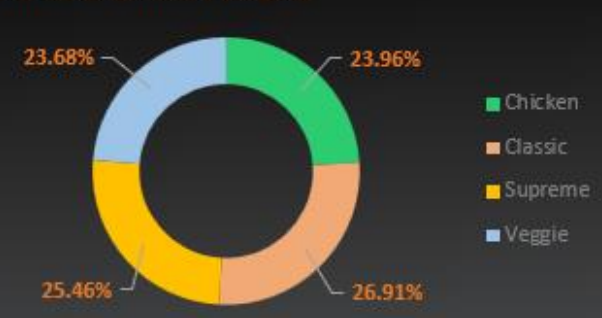
## Daily Trends for Total Orders



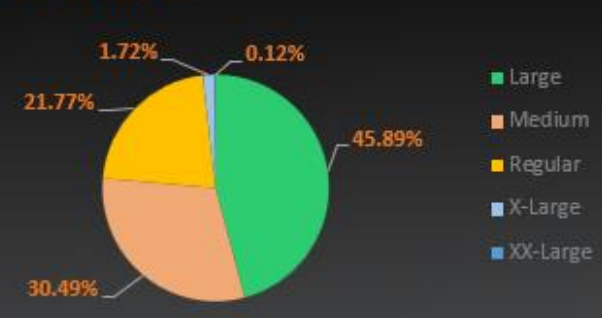
## Hourly Trend for Total Orders



## % of Sales by Pizza Category



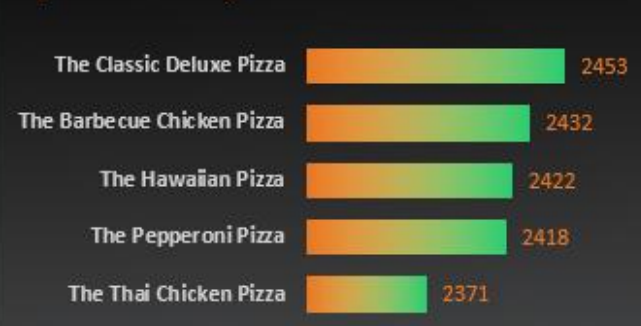
## % of Sales by Pizza Size



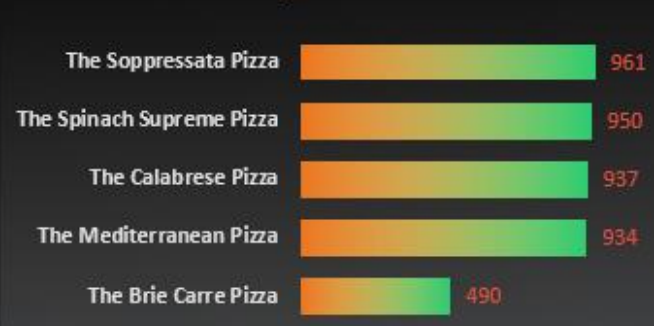
## Total Pizza Sold by Pizza Category



## Top 5 Best Sellers by Total Pizzas Sold








## Bottom 5 Worst Sellers by Total Pizzas Sold



## Filter



# Important Links

-  [.csv files used](#)
-  [Image Resources Used](#)
-  [Questions & SQL Queries](#)
-  [Dashboard .xlsx file](#)
-  [Github Repository](#)



**Thank You for**  
**Staying till end!!**

