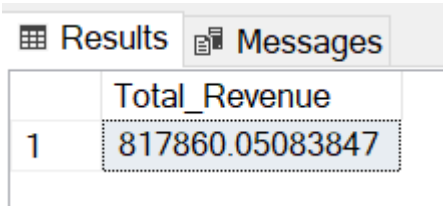
SQL QUERY

KPI's

1. Total Revenue

```
select sum(total_price) as "Total_Revenue"
from pizza_sales
```

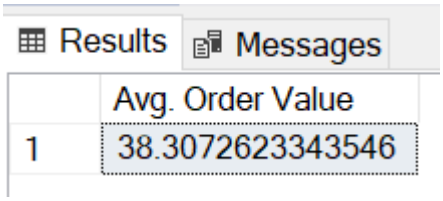


Results | Messages

	Total_Revenue
1	817860.05083847

2. Average Order Value

```
select sum(total_price) / count(distinct order_id) as "Avg. Order Value"
from pizza_sales
```

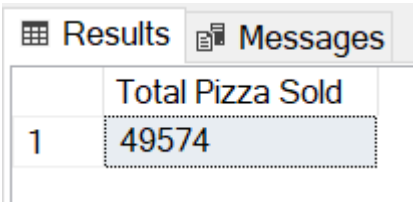


Results | Messages

	Avg. Order Value
1	38.3072623343546

3. Total Pizza Sold

```
select sum(quantity) as "Total Pizza Sold "
from pizza_sales
```

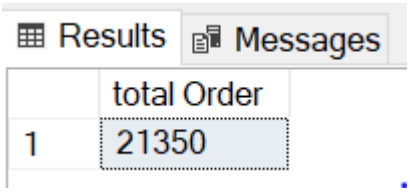


Results | Messages

	Total Pizza Sold
1	49574

4. Total Orders

```
select count(distinct order_id) as "total Order"
from pizza_sales
```



Results | Messages

	total Order
1	21350

5. Avg. Pizza's Per Order

```
select sum(quantity) / count(distinct order_id) as "avg. pizza's per order"
from pizza_sales
```

OR

```
 select cast(sum(quantity)as decimal (10,2)) / count(distinct order_id) as "avg.
pizza's per order"
from pizza_sales
```

Results | Messages

	avg. pizza's per order
1	2.3219672131147

Charts

6. Daily Trend For Orders

```
select DATENAME(dw,order_date) as "Order_days", count(distinct order_id ) as
"Total order"
from pizza_sales
group by DATENAME(dw,order_date)

-- NOTE -: 'DW' stands for "Day of Week". It is used to extract the weekday number
(1 to 7) from a DATE value.
```

Results | Messages

	Order_days	Total order
1	Saturday	3158
2	Wednesday	3024
3	Monday	2794
4	Sunday	2624
5	Friday	3538
6	Thursday	3239
7	Tuesday	2973

7. Monthly Trend For Orders

```
select DATENAME(month, order_date) as "month name", count(distinct order_id ) as
"Total order"
from pizza_sales
group by DATENAME(month, order_date)
```

Results | Messages

	month name	Total order
1	February	1685
2	June	1773
3	August	1841
4	April	1799
5	May	1853
6	December	1680
7	January	1845
8	September	1661
9	October	1646
10	July	1935
11	November	1792
12	March	1840

8. Percentage of sales by pizza category

```
select pizza_category, cast (sum(total_price) * 100 / (select sum(total_price)
from pizza_sales) as decimal (10,2)) as PCT
 from pizza_sales
 group by pizza_category
```

Results | Messages

	pizza_category	PCT
1	Classic	26.91
2	Chicken	23.96
3	Veggie	23.68
4	Supreme	25.46

9. Percentage of sales by pizza Size

```
select pizza_size, cast (sum(total_price) * 100 / (select sum(total_price) from
pizza_sales where month(order_date) = 3) as decimal (10,2)) as PCT
 from pizza_sales
 where month(order_date) = 3
 group by pizza_size
```

Results | Messages

	pizza_size	PCT
1	L	46.53
2	XXL	0.15
3	M	29.76
4	XL	1.49
5	S	22.07

Note: `month(order_date) = 3` (This indicates the output for the month of March. You can find the output for any other month by entering its corresponding month number.)

10.TOP 5 Pizza by Revenue

```
select top 5 pizza_Name , sum(Total_price) as "Total Revenue"
 from pizza_sales
 group by pizza_name
 order by [Total Revenue] DESC
```

Results | Messages

	pizza_Name	Total Revenue
1	The Thai Chicken Pizza	43434.25
2	The Barbecue Chicken Pizza	42768
3	The California Chicken Pizza	41409.5
4	The Classic Deluxe Pizza	38180.5
5	The Spicy Italian Pizza	34831.25

11. Bottom 5 Pizza by Revenue

```
 select top 5 pizza_Name , sum(Total_price) as "Total Revenue"
from pizza_sales
group by pizza_name
order by [Total Revenue] ASC
```

Results | Messages

	pizza_Name	Total Revenue
1	The Brie Carre Pizza	11588.4998130798
2	The Green Garden Pizza	13955.75
3	The Spinach Supreme Pizza	15277.75
4	The Mediterranean Pizza	15360.5
5	The Spinach Pesto Pizza	15596

12.TOP 5 Pizza by Quantity

```
select top 5 pizza_Name , sum(quantity) as "Total Quantity"
    from pizza_sales
    group by pizza_name
    order by [Total Quantity] DESC
```

Results | Messages

	pizza_Name	Total Quantity
1	The Classic Deluxe Pizza	2453
2	The Barbecue Chicken Pizza	2432
3	The Hawaiian Pizza	2422
4	The Pepperoni Pizza	2418
5	The Thai Chicken Pizza	2371

13.Bottom 5 Pizza by Quantity

```
select top 5 pizza_Name , sum(quantity) as "Total Quantity"
    from pizza_sales
    group by pizza_name
    order by [Total Quantity] ASC
```

Results | Messages

	pizza_Name	Total Quantity
1	The Brie Carre Pizza	490
2	The Mediterranean Pizza	934
3	The Calabrese Pizza	937
4	The Spinach Supreme Pizza	950
5	The Soppressata Pizza	961

14.TOP 5 Pizza by Orders

```
select top 5 pizza_Name , Count(distinct order_id) as "Total orders"
    from pizza_sales
    group by pizza_name
    order by [Total orders] DESC
```

Results | Messages

	pizza_Name	Total orders
1	The Classic Deluxe Pizza	2329
2	The Hawaiian Pizza	2280
3	The Pepperoni Pizza	2278
4	The Barbecue Chicken Pizza	2273
5	The Thai Chicken Pizza	2225

15.Bottom 5 Pizza by Orders

```
select top 5 pizza_Name , Count(distinct order_id) as "Total orders"
from pizza_sales
group by pizza_name
order by [Total orders] ASC
```

Results | Messages

	pizza_Name	Total orders
1	The Brie Carre Pizza	480
2	The Mediterranean Pizza	912
3	The Spinach Supreme Pizza	918
4	The Calabrese Pizza	918
5	The Chicken Pesto Pizza	938

POWER BI Query

KPI's

1.Total Revenue

```
Total Revenue = sum(pizza_sales[total_price])
```

2. Total Order

```
Total order = DISTINCTCOUNT(pizza_sales[order_id])
```

3. Avg. Order Value

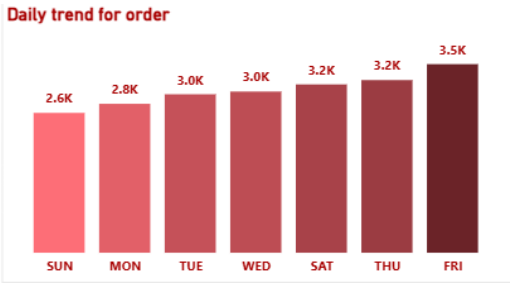
```
Avg. Order Value = [Total Revenue]/[Total order]
```

4. Avg. Pizza per Order

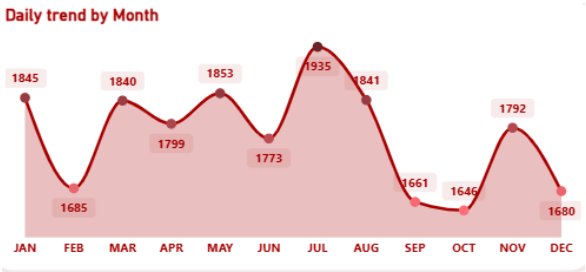
```
Avg. pizza per order = [Total Pizza Sold]/[Total order]
```

CHARTS

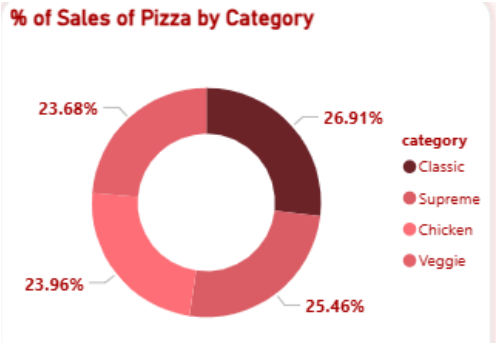
5. Daily Trend For Orders



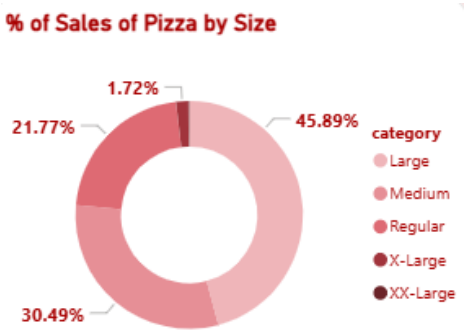
6. Monthly Trend For Total Orders



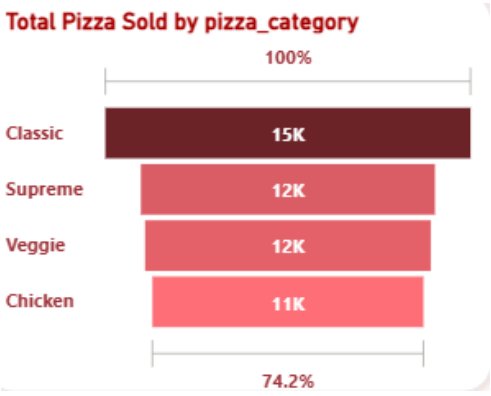
7. % of Sales Pizza By Category



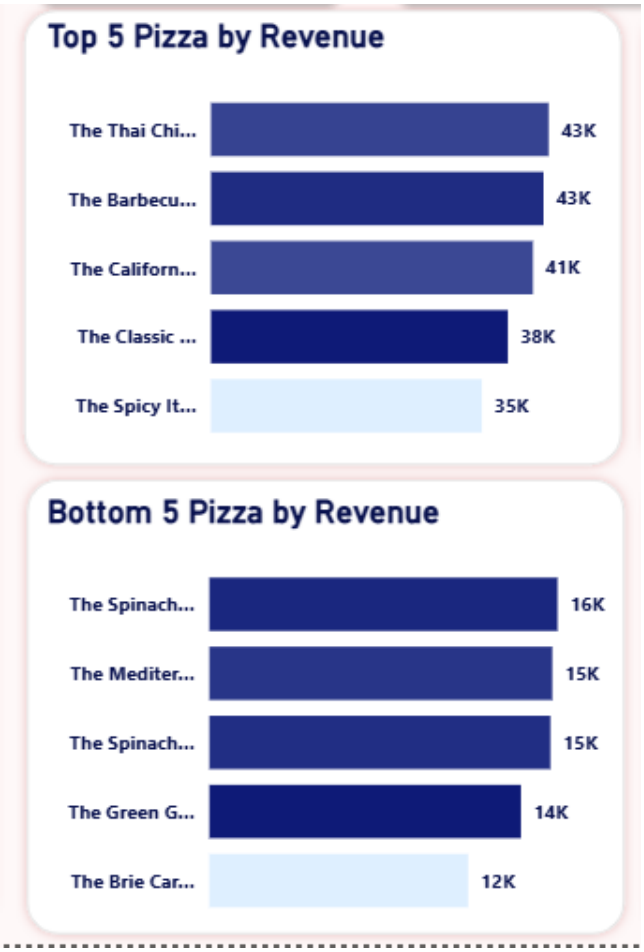
8. % of Sales Pizza By Size



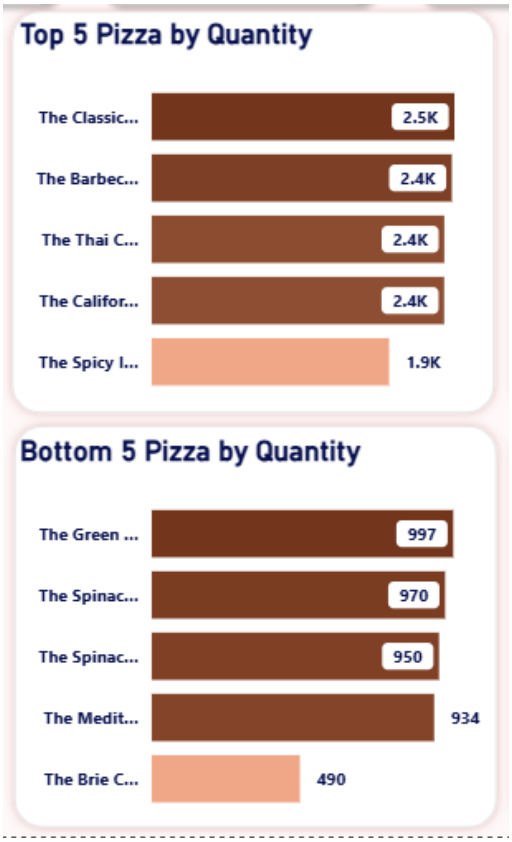
9. Total Pizza Sold By Category



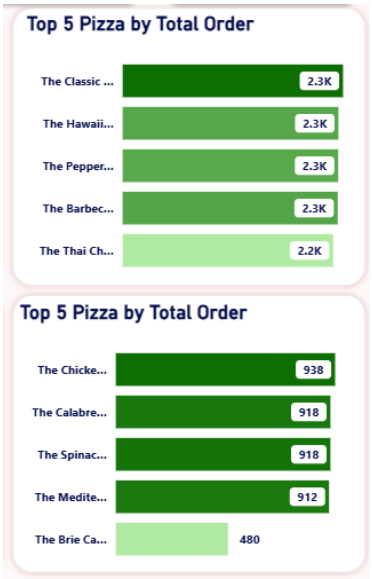
TOP and Bottom 5 Sellers by Revenue



TOP and Bottom 5 Sellers by Quantity

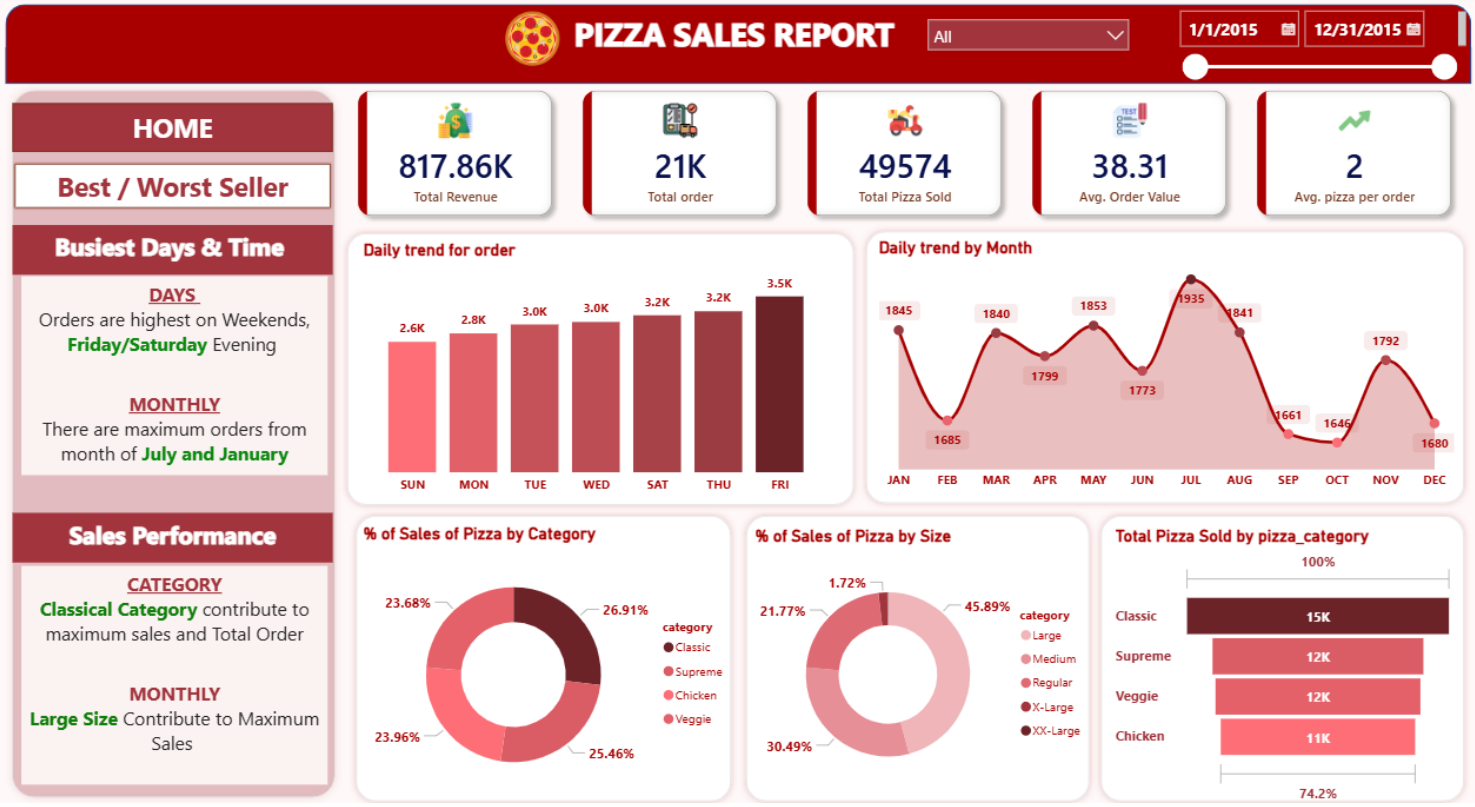


TOP and Bottom 5 Sellers by Total Orders



DASHBOARD

HOME PAGE



BEST / WORST SELLERS