SQL Queries Used

```
select sum(total_price) as Total_revenue from pizza_sales
Total_revenue
      817860.05083847
1
--order value
select sum(total_price)/count(distinct(order_id)) as avg_order_value
from pizza_sales
avg_order_value
      38.3072623343546
 1
--total pizza's sold
select sum(quantity) as total_pizza_sold from pizza_sales
total_pizza_sold
1
      49574
--total orders
select count(distinct(order_id)) as total_orders from pizza_sales

    Messages

Results
       total_orders
       21350
1
--Avg pizza's sold total_pizza's sold/total_orders
select cast(cast(sum(quantity) as decimal(10,2))/cast(count(distinct(order_id))as
decimal(10,2)) as decimal(10,2))
as avg_pizza_per_order
from pizza_sales
```

Results Messages avg_pizza_sold 2.32

-- daily orders

 $\begin{tabular}{ll} select & datename(DW, order_date) & as & order_day, count(distinct(order_id)) & as & quantity \\ from & pizza_sales & \end{tabular}$

group by datename(DW, order_date)

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

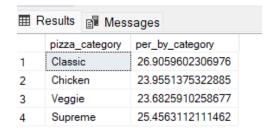
--hourly trend

 $\begin{tabular}{ll} select $datepart(hour,order_time)$ as $order_hour,count(distinct(order_id))$ as orders from $pizza_sales$ \\ \end{tabular}$

group by datepart(hour, order_time)
order by datepart(hour, order_time)

Results			
	order_hour	orders	
1	9	1	
2	10	8	
3	11	1231	
4	12	2520	
5	13	2455	
6	14	1472	
7	15	1468	
8	16	1920	
9	17	2336	
10	18	2399	
11	19	2009	
12	20	1642	
13	21	1198	
14	22	663	
15	23	28	

```
--% sales by category
select pizza_category,sum(total_price)*100/(select sum(total_price) from pizza_sales)
as per_by_category
from pizza_sales
group by pizza_category
```



```
--to see pct for particular month
select pizza_category,sum(total_price)*100/(select sum(total_price) from pizza_sales
where month(order_id)=1
)
as per_by_category
from pizza_sales
where month(order_id)=1
group by pizza_category
```

Results | Messages | | pizza_category | per_by_category | | Classic | 2.42814769861048 | | Chicken | 2.08941615163632 | | Veggie | 2.14895568921569 | | Supreme | 2.11301431913983 |

```
--pct sales by pizza size
select pizza_size,cast(sum(total_price)*100/(select sum(total_price) from pizza_sales )
as decimal(10,2))
as pct_by_size
from pizza_sales
group by pizza_size
order by pct_by_size desc
```

```
pizza_size
              pct_by_size
    L
              45.89
1
2
              30.49
3
    S
              21.77
    XL
              1.72
4
5
    XXL
              0.12
```

```
--pct sales by pizza size per quarter 1
select pizza_size,cast(sum(total_price)*100/(select sum(total_price) from pizza_sales
where datepart(quarter,order_date)=1 ) as decimal(10,2))
as pct_by_size
from pizza_sales
where datepart(quarter,order_date)=1
group by pizza_size
```

order by pct_by_size desc



-- total pizza's sold per category
select pizza_category,sum(quantity) as total_pizza_per_cater
from pizza_sales
group by pizza_category



--top5 best sellers
select top 5 pizza_name,sum(quantity) as total_pizza_by_name
from pizza_sales
group by pizza_name
order by total_pizza_by_name desc



-- bottom 5 worst seller
select top 5 pizza_name,sum(quantity) as total_pizza_by_name
from pizza_sales
group by pizza_name
order by total_pizza_by_name asc

