

SQL Queries Used

```
select sum(total_price) as Total_revenue from pizza_sales
```

Results Messages	
	Total_revenue
1	817860.05083847

```
--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

```
--total pizza's sold  
select sum(quantity) as total_pizza_sold from pizza_sales
```

Results Messages	
	total_pizza_sold
1	49574

```
--total orders  
select count(distinct(order_id)) as total_orders from pizza_sales
```

Results Messages	
	total_orders
1	21350

```
--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
1	2.32

```
-- daily orders
select datename(DW,order_date) as order_day,count(distinct(order_id)) as quantity
from pizza_sales
group by datename(DW,order_date)
```

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

```
--hourly trend
select datepart(hour,order_time) as order_hour,count(distinct(order_id)) as orders
from pizza_sales
group by datepart(hour,order_time)
order by datepart(hour,order_time)
```

Results		Messages
	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
```

	pizza_category	per_by_category
1	Classic	26.9059602306976
2	Chicken	23.9551375322885
3	Veggie	23.6825910258677
4	Supreme	25.4563112111462

```
--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
```

	pizza_category	per_by_category
1	Classic	2.42814769861048
2	Chicken	2.08941615163632
3	Veggie	2.14895568921569
4	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
1	L	45.89
2	M	30.49
3	S	21.77
4	XL	1.72
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
```

Results Messages		
	pizza_size	pct_by_size
1	L	46.37
2	M	29.78
3	S	22.10
4	XL	1.60
5	XXL	0.14

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

Results Messages		
	pizza_category	total_pizza_per_cater
1	Classic	14888
2	Chicken	11050
3	Veggie	11649
4	Supreme	11987

```
--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
```

Results Messages		
	pizza_name	total_pizza_by_name
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

```
-- 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
```

Results Messages		
	pizza_name	total_pizza_by_name
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