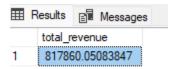
Pizza sales KPI requirements

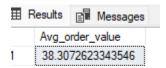
1.Total revenue

select SUM(total_price) as total_revenue
from pizza_sales



2. Avg order value

select SUM(total_price)/COUNT(distinct order_id) as
Avg order value



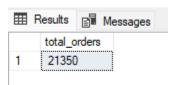
3. Total pizza sold

select SUM(quantity) as total_pizza_sold
from pizza sales

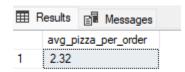


4.Total orders

select COUNT(distinct order_id) as total_orders
from pizza sales

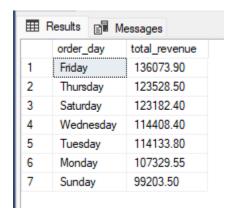


5.Avg pizza per order select cast (cast(SUM(quantity) AS decimal (10,2)) / cast (COUNT(distinct order_id) AS decimal (10,2))as decimal (10,2)) as avg_pizza_per_order from pizza sales



A.Daily trends of total orders

```
select DATEname(DW,order_date) as order_day, cast
(SUM(total_price) AS decimal (10,2)) as total_revenue
from pizza_sales
group by DATEname(DW,order_date)
order by total revenue desc
```



B.Monthly trends of total orders

```
select DATENAME(MONTH, order_date) as order_month,
cast (SUM(total_price) AS decimal (10,2)) as
total_revenue
from pizza_sales
group by DATENAME(MONTH, order_date)
order by total_revenue desc
```



C.% of sales by pizza category

```
select pizza_category, SUM(total_price)* 100 /
(select SUM(total_price) from pizza_sales --WHERE
DATEPART(MONTH,order_date) = 1) as PCT
from pizza_sales
---WHERE DATEPART(MONTH,order_date) = 1
group by pizza_category
```

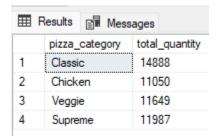
(<u>Where</u> clause is used to filter the date according the needs)

```
D.% of sales by pizza size
select pizza_size, SUM(total_price)* 100 /
(select SUM(total_price) from pizza_sales) AS pct --WHERE
DATEPART(MONTH,order_date) = 1)
from pizza_sales
---WHERE DATEPART(MONTH,order_date) = 1
group by pizza_size
```

Results Messages			
	pizza_	size	pct
1	L		45.8903330244889
2	XXL		0.123077294254725
3	M		30.492044420599
4	XL		1.72107684995364
5	S		21.7734684107037

E.Total pizza sold by category

select pizza_category, SUM(quantity) as total_quantity
from pizza_sales
group by pizza_category



F.Top 5 by revenue, orders, quantity select top 5 pizza_name, SUM(total_price) as total_revenue from pizza_sales group by pizza_name order by total_revenue desc



(In above case, we simply calculate orders and quantity in place of total_revenue)

G.Bottom 5 by revenue, orders, quantity Is done by we've to order it by asc)