**SQL Queries**

select \* from pizza\_sales

select Sum(total\_price) / Count(Distinct order\_id) AS AVg\_Order\_Value from pizza\_sales

select Sum(quantity) as Total\_Pizza\_Sold from pizza\_sales

select count(distinct order\_id) as Total\_orders from pizza\_sales

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

--WEEKLY TREND

Select DATENAME(DW, Order\_date) as order\_day, count(distinct order\_id) as Total\_orders

from pizza\_sales

Group By DATENAME(DW, Order\_date)

-- Monthly trend

select DATENAME(Month, order\_date) as Month\_Name, COUNT(distinct order\_id) as Total\_orders

from pizza\_sales

Group By DATENAME(Month, order\_date)

Order By Total\_orders desc

--percentage of sales by pizza categories

select pizza\_category,Sum(total\_price) as Total\_sales, SUM(total\_price) \* 100/(select sum(total\_price) from pizza\_sales where Month(order\_date)=1) as PCT

from pizza\_sales

where Month(order\_date)=1 --indicating the 1st Month

Group By pizza\_category

--percent of sales by Pizza Size

select pizza\_size,Cast(Sum(total\_price)AS decimal (10,2))as Total\_sales, Cast(SUM(total\_price) \* 100/

(select sum(total\_price) from pizza\_sales Where datepart(quarter, order\_date)=1) as decimal(10,2)) as PCT

from pizza\_sales

Where datepart(quarter, order\_date)=1

Group By pizza\_size

Order By PCT Desc

--top 5 best sellers by revenue , Total quantity and Total orders

select Top 5 pizza\_name, sum(total\_price) as Total\_Revenue from pizza\_sales

Group By pizza\_name

Order By Total\_Revenue Desc

select Top 5 pizza\_name, sum(quantity) as Total\_quantity from pizza\_sales

Group By pizza\_name

Order By Total\_quantity Desc

select Top 5 pizza\_name, count(Distinct order\_id) as Total\_Orders from pizza\_sales

Group By pizza\_name

Order By Total\_Orders Desc

--Bottom 5 best sellers by revenue , Total quantity and Total orders

select Top 5 pizza\_name, sum(total\_price) as Total\_Revenue from pizza\_sales

Group By pizza\_name

Order By Total\_Revenue

select Top 5 pizza\_name, sum(quantity) as Total\_quantity from pizza\_sales

Group By pizza\_name

Order By Total\_quantity

select Top 5 pizza\_name, count(Distinct order\_id) as Total\_Orders from pizza\_sales

Group By pizza\_name

Order By Total\_Orders