**Pizza Sales SQL Data Analysis**

**Using SSMS**

# KPI's

**1. Find the Total**

select sum(total\_price) from pizza\_sales;



**2. Find Average Order Value**

select sum(total\_price)/COUNT(Distinct order\_id) from pizza\_sales;



**3. Find Total Pizza Sold**

select SUM(quantity) from pizza\_sales;



**4. Total Order Placed**

select COUNT(Distinct order\_id) from pizza\_sales;



**5. Average Pizza Per Order; Using Cast to convert value to decimal point**

select cast(cast(sum(quantity) as Decimal(10,2))/

cast(COUNT(Distinct order\_id) as Decimal(10,2)) as decimal(10,2))

from pizza\_sales;



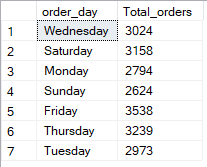
# **Charts**

**1. Total Number of Order on Daily Basis over the Period of time**

select DATENAME(DW, order\_date) as order\_day, COUNT(distinct order\_id) as Total\_orders

from pizza\_sales

group by DATENAME(DW, order\_date);



**2. Total Orders Placed Monthly over the Period of TIme**

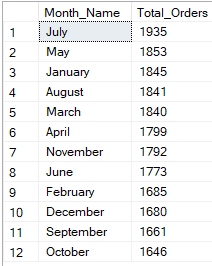
select DATENAME(MONTH, order\_date) as Month\_Name,

COUNT(Distinct order\_id) as Total\_Orders

from pizza\_sales

group by DATENAME(MONTH, order\_date)

order by Total\_Orders desc;



**3. Percentage of Sales with Pizza Category for month January**

select pizza\_category, SUM(total\_price) as Total\_Sales,

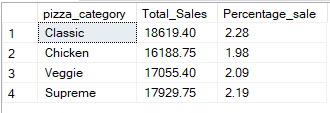
Cast(sum(total\_price)\*100/(select sum(total\_price) from pizza\_sales)

as decimal (10,2)) as Percentage\_sale

from pizza\_sales

where MONTH(order\_date) = 1

group by pizza\_category;



**4. Percentage of Sales with Pizza Size for 1st Quarter**

select pizza\_size,

cast(SUM(total\_price)\*100/(select SUM(total\_price) from pizza\_sales

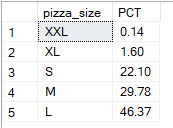
where DATEPART(QUARTER, order\_date)=1)as Decimal(10,2)) as PCT

from pizza\_sales

where Datepart(quarter, order\_date) = 1

group by pizza\_size

order by PCT;



**5. Top 5 Best seller by Revenue,Quantity**

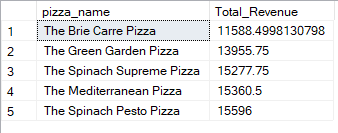
select Top 5 pizza\_name,

SUM(total\_price) as Total\_Revenue

from pizza\_sales

group by pizza\_name

Order By Total\_Revenue;



**6. Bottom 5 by Quantity**

select Top 5 pizza\_name,

SUM(quantity) as Total\_Quantity

from pizza\_sales

group by pizza\_name

Order By Total\_Quantity ASC;

