**PIZZA SALES ANALYSIS**

use SQL\_PROJECTS;

select \* from pizza\_sales;

-- Total Revenue

select sum(total\_price) as Total\_Revenue from pizza\_sales;

-- Average Order Value

select sum(total\_price)/count(distinct order\_id) as Average\_Order\_Value

from pizza\_sales;

--Total Pizzas Sold

select sum(quantity) as Total\_Pizzas\_Sold

from pizza\_sales;

--Total Orders

select count(distinct order\_id) as Total\_Orders

from pizza\_sales;

--Average pizzas 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 Average\_Pizzas\_Per\_Order from pizza\_sales;

--Daily Sales

select datename(DW,order\_date) as order\_day,count(distinct order\_id) as no\_of\_orders

from pizza\_sales

group by datename(DW,order\_date)

--Monthly sales

select datename(Month,order\_date) as order\_month,count(distinct order\_id) as no\_of\_orders

from pizza\_sales

group by datename(Month,order\_date);

--Percentage of sales by pizza category

select pizza\_category,cast(sum(total\_price) as decimal(10,2)) as total\_revenue,

cast(sum(total\_price)\*100/(select sum(total\_price) from pizza\_sales) as decimal(10,2)) as sales\_percent\_by\_pizza\_category

from pizza\_sales

group by pizza\_category

order by sales\_percent\_by\_pizza\_category

--Percentage of sales by Pizza size

select pizza\_size,cast(sum(total\_price) as decimal(10,2)) as total\_revenue,

cast(sum(total\_price)\*100/(select sum(total\_price) from pizza\_sales) as decimal(10,2)) as sales\_percent\_by\_size

from pizza\_sales

group by pizza\_size

order by sales\_percent\_by\_size

--Total Pizzas sold by category

select pizza\_category,sum(quantity) as total\_pizzas\_sold

from pizza\_sales

group by pizza\_category

order by total\_pizzas\_sold

--Top 5 pizzas by revenue

select top 5 pizza\_name as pizzas,sum(total\_price) as total\_revenue

from pizza\_sales

group by pizza\_name

order by total\_revenue desc

--Bottom 5 pizzas by revenue

select top 5 pizza\_name as pizzas,sum(total\_price) as total\_revenue

from pizza\_sales

group by pizza\_name

order by total\_revenue asc

--Top 5 pizzas by quantity

select top 5 pizza\_name as pizzas,sum(quantity) as quantity\_sold

from pizza\_sales

group by pizza\_name

order by quantity\_sold desc

--Bottom 5 pizzas by quantity

select top 5 pizza\_name as pizzas,sum(quantity) as quantity\_sold

from pizza\_sales

group by pizza\_name

order by quantity\_sold asc

--Top 5 pizzas by pizza size

select top 5 pizza\_name as pizzas,sum(quantity) as quantity\_sold

from pizza\_sales

where pizza\_size = 'L'

group by pizza\_name

order by quantity\_sold desc

-- Top 5 pizzas by orders

select top 5 pizza\_name as pizzas , count(distinct order\_id) as total\_orders

from pizza\_sales

group by pizza\_name

order by total\_orders desc