PIZZA SALES SQL ANALYSIS PROJECT

**1.TOTAL REVENUE**

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

output:

817860.05083847

**2.ARRANGE ORDER VALUE**

select sum(total\_price)/count (distinct order\_id)as avg\_order\_value from pizza\_sales

output:

38.3072623343546

**3.Total Pizzas Sold**

select sum(quantity) as total\_pizzas\_sold from pizza\_sales

output:

49574

**4.Total Orders**

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

output:

21350

**5.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\_quantity\_per\_order

FROM pizza\_sales

Output:

2.32

**6. Daily 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)

output:

order\_day Total\_orders

Saturday 3158

Wednesday 3024

Monday 2794

Sunday 2624

Friday 3538

Thursday 3239

Tuesday 2973

**7.Monthly Trends**

select DATENAME(M,order\_date) as monthly\_order,count(distinct order\_id) as total\_orders

from pizza\_sales group by DATENAME(M,order\_date),DATEPART(MM,order\_date) ORDER BY DATEPART(MM,order\_date)

output:

monthly\_order total\_orders

January 1845

February 1685

March 1840

April 1799

May 1853

June 1773

July 1935

August 1841

September 1661

October 1646

November 1792

December 1680

**8.Percentage of Sales by Pizza Category**

select distinct pizza\_category,cast((sum(total\_price)\*100.0/(select sum(total\_price)from pizza\_sales)) as decimal(10,2))as percentage\_sales

from pizza\_sales group by pizza\_category order by percentage\_sales desc

output:

pizza\_category percentage\_sales

Classic 26.91

Supreme 25.46

Chicken 23.96

Veggie 23.68

**9.Percentage of Sales by Pizza Size:**

SELECT

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

cast((SUM(total\_price) \* 100.0 / (SELECT SUM(total\_price) FROM pizza\_sales))as decimal (10,2)) AS percentage\_of\_total

FROM

pizza\_sales

GROUP BY

pizza\_size

order by Total\_price desc

output:

pizza\_size Total\_price percentage\_of\_total

L 375318.70 45.89

M 249382.25 30.49

S 178076.50 21.77

XL 14076.00 1.72

XXL 1006.60 0.12

**10.Total Pizzas Sold by Pizza Category**

select pizza\_category,sum(quantity) as pizza\_sold from pizza\_sales group by pizza\_category;

output:

pizza\_category pizza\_sold

Chicken 11050

Supreme 11987

Classic 14888

Veggie 11649

**11.Top 5 best sellers by Revenue. Total quantity and Total orders**

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

from pizza\_sales

group by pizza\_name

order by revenue desc ;

output:

pizza\_name revenue total\_orders

The Thai Chicken Pizza 43434.25 2225

The Barbecue Chicken Pizza 42768 2273

The California Chicken Pizza 41409.5 2197

The Classic Deluxe Pizza 38180.5 2329

The Spicy Italian Pizza 34831.25 1822

**12.Bottom 5 sellers by revenue**

select top 5 pizza\_name,cast(sum(total\_price)as decimal(10,2)) as revenue, count( distinct order\_id) as total\_orders

from pizza\_sales

group by pizza\_name

order by revenue asc ;

output:

pizza\_name revenue total\_orders

The Brie Carre Pizza 11588.50 480

The Green Garden Pizza 13955.75 976

The Spinach Supreme Pizza 15277.75 918

The Mediterranean Pizza 15360.50 912

The Spinach Pesto Pizza 15596.00 945