**PIZZA SALES SQL QUERIES**

**A. KPI’s**

**1. Total Revenue:**

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

**2. Average Order Value**

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

**3. Total Pizzas 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. 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 avg\_pizza\_per\_order

from pizza\_sales;

**B. Daily Trend for Total Orders**

SELECT DATENAME(DW, order\_date) AS order\_day, COUNT(DISTINCT order\_id) AS total\_orders

FROM pizza\_sales

GROUP BY DATENAME(DW, order\_date)

**C. Monthly Trend for Orders**

select DATENAME(MONTH, order\_date) as Month\_Name, COUNT(DISTINCT order\_id) as Total\_Orders

from pizza\_sales

GROUP BY DATENAME(MONTH, order\_date)

**D. % of Sales by Pizza Category**

**select pizza\_category, sum(total\_price) \* 100 /**

**(select sum(total\_price) from pizza\_sales) as pct\_of\_total\_sales from pizza\_sales**

**group by pizza\_category;**

**E. % 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 PCT**

**FROM pizza\_sales**

**GROUP BY pizza\_size**

**ORDER BY pizza\_size**

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

**Select pizza\_category, sum(quantity) as total\_pizza\_sold from pizza\_sales**

**group by pizza\_category;**

**G. Top 5 Pizzas by Revenue**

**select pizza\_name, sum(total\_price) as total\_Rvenue from pizza\_sales**

**group by pizza\_name**

**order by total\_Rvenue desc limit 5;**

**H. Bottom 5 Pizzas by Revenue**

**select pizza\_name, sum(total\_price) as total\_Rvenue from pizza\_sales**

**group by pizza\_name**

**order by total\_Rvenue asc limit 5;**

**I. Top 5 Pizzas by Quantity**

**select pizza\_name, sum(quantity) as total\_quantity from pizza\_sales**

**group by pizza\_name**

**order by total\_quantity desc limit 5;**

**J. Bottom 5 Pizzas by Quantity**

**select pizza\_name, sum(quantity) as total\_quantity from pizza\_sales**

**group by pizza\_name**

**order by total\_quantity asc limit 5;**

**K. Top 5 Pizzas by Total Orders**

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

**group by pizza\_name**

**order by total\_orders desc limit 5;**

**L. Borrom 5 Pizzas by Total Orders**

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

**group by pizza\_name**

**order by total\_orders asc limit 5;**

***NOTE***

If you want to apply the pizza\_category or pizza\_size filters to the above queries you can use WHERE clause. Follow some of below examples

SELECT Top 5 pizza\_name, COUNT(DISTINCT order\_id) AS Total\_Orders

FROM pizza\_sales

WHERE pizza\_category = 'Classic'

GROUP BY pizza\_name

ORDER BY Total\_Orders ASC