**PIZZA SALES SQL QUERIES**

**A. KPI’s**

**1. Total Revenue:**

SELECT SUM(total\_price) AS Total\_Revenue FROM pizza\_sales;



**2. Average Order Value**

SELECT (SUM(total\_price) / COUNT(DISTINCT order\_id)) AS Avg\_order\_Value 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 sum(quantity)/ count(distinct order\_id) as Avg\_Pizza\_sales from pizza\_sales;**



**B. Daily Trend for Total Orders  
SELECT**

**DAYNAME(STR\_TO\_DATE(order\_date, '%d-%m-%Y')) AS Order\_day,**

**COUNT(DISTINCT order\_id) AS Avg\_Pizza\_sales**

**FROM**

**pizza\_sales**

**WHERE**

**order\_date IS NOT NULL**

**GROUP BY**

**DAYNAME(STR\_TO\_DATE(order\_date, '%d-%m-%Y'));**

***Output:***

****

**C. Monthly Trend for Orders**

SELECT

MONTHNAME(STR\_TO\_DATE(order\_date, '%d-%m-%Y')) AS Order\_month,

COUNT(DISTINCT order\_id) AS Avg\_Pizza\_sales

FROM

pizza\_sales

WHERE

order\_date IS NOT NULL

GROUP BY

MONTHNAME(STR\_TO\_DATE(order\_date, '%d-%m-%Y'));

***Output***

****

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

SELECT

pizza\_Category,

Round(SUM(total\_price), 2) AS Total\_Revenue,

ROUND(SUM(total\_price) \* 100 / (SELECT SUM(total\_price) FROM pizza\_sales), 2) AS PCT

FROM

pizza\_sales

GROUP BY

pizza\_category

ORDER BY

Total\_Revenue DESC;

***Output***

****

**E. % of Sales by Pizza Size**

select pizza\_size, Round(SUM(total\_price), 2) AS Total\_Revenue,

ROUND(SUM(total\_price) \* 100 / (SELECT SUM(total\_price) FROM pizza\_sales), 2) AS PCT

FROM pizza\_sales

GROUP BY pizza\_size

ORDER BY Total\_Revenue DESC;

***Output***

****

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

select Pizza\_category,sum(quantity) as TotalPizza FROM pizza\_sales

group by Pizza\_category;

***Output***

****

**G. Top 5 Pizzas by Revenue**

select pizza\_name, sum(total\_price) as Total\_Revenew

from pizza\_sales

group by pizza\_name

order by Total\_Revenew desc limit 5;

****

**H. Bottom 5 Pizzas by Revenue**

select pizza\_name, sum(total\_price) as Total\_Revenew

from pizza\_sales

group by pizza\_name

order by Total\_Revenew 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 ;

***Output***

****

**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 limit 5 ;

***Output***

****

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

**select pizza\_name, Count(distinct order\_id) as Total\_Order\_No**

**from pizza\_sales**

**group by pizza\_name**

**order by Total\_Order\_No desc limit 5 ;**

****

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

select pizza\_name, Count(distinct order\_id) as Total\_Order\_No

from pizza\_sales

group by pizza\_name

order by Total\_Order\_No 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