**PIZZA SALES SQL QUERIES**

**A. KPI’s**

**1. Total Revenue:**

SELECTSUM(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**

SELECTSUM(quantity)AS Total\_pizza\_sold FROM pizza\_sales



**4. Total Orders**

SELECTCOUNT(DISTINCTorder\_id)AS Total\_Orders FROM pizza\_sales



**5. Average Pizzas Per Order**

SELECTCAST(CAST(SUM(quantity)ASDECIMAL(10,2))/

CAST(COUNT(DISTINCTorder\_id)ASDECIMAL(10,2))ASDECIMAL(10,2))

AS Avg\_Pizzas\_per\_order

FROM pizza\_sales



**B. Daily Trend for Total Orders**SELECTDATENAME(DW, order\_date)AS order\_day,COUNT(DISTINCT order\_id)AS total\_orders

FROM pizza\_sales

GROUPBYDATENAME(DW, order\_date)

***Output:***

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**C. Monthly Trend for Orders**

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

from pizza\_sales

GROUPBYDATENAME(MONTH, order\_date)

***Output***

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

SELECT pizza\_category,CAST(SUM(total\_price)ASDECIMAL(10,2))as total\_revenue,

CAST(SUM(total\_price)\* 100 /(SELECTSUM(total\_price)from pizza\_sales)ASDECIMAL(10,2))AS PCT

FROM pizza\_sales

GROUPBY pizza\_category

***Output***

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

SELECT pizza\_size,CAST(SUM(total\_price)ASDECIMAL(10,2))as total\_revenue,

CAST(SUM(total\_price)\* 100 /(SELECTSUM(total\_price)from pizza\_sales)ASDECIMAL(10,2))AS PCT

FROM pizza\_sales

GROUPBY pizza\_size

ORDERBY pizza\_size

***Output***

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

SELECT pizza\_category,SUM(quantity)as Total\_Quantity\_Sold

FROM pizza\_sales

WHEREMONTH(order\_date)= 2

GROUPBY pizza\_category

ORDERBY Total\_Quantity\_Sold DESC

***Output***

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**G. Top 5 Pizzas by Revenue**

SELECTTop 5 pizza\_name,SUM(total\_price)AS Total\_Revenue

FROM pizza\_sales

GROUPBY pizza\_name

ORDERBY Total\_Revenue DESC

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**H. Bottom 5 Pizzas by Revenue**

SELECTTop 5 pizza\_name,SUM(total\_price)AS Total\_Revenue

FROM pizza\_sales

GROUPBY pizza\_name

ORDERBY Total\_Revenue ASC

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**I. Top 5 Pizzas by Quantity**

SELECTTop 5 pizza\_name,SUM(quantity)AS Total\_Pizza\_Sold

FROM pizza\_sales

GROUPBY pizza\_name

ORDERBY Total\_Pizza\_Sold DESC

***Output***

****

**J. Bottom5 Pizzas by Quantity**

SELECTTOP 5 pizza\_name,SUM(quantity)AS Total\_Pizza\_Sold

FROM pizza\_sales

GROUPBY pizza\_name

ORDERBY Total\_Pizza\_Sold ASC

***Output***

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

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

FROM pizza\_sales

GROUPBY pizza\_name

ORDERBY Total\_Orders DESC

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

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

FROM pizza\_sales

GROUPBY pizza\_name

ORDERBY Total\_Orders ASC

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***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

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

FROM pizza\_sales

WHERE pizza\_category ='Classic'

GROUPBY pizza\_name

ORDERBY Total\_Orders ASC