**PIZZA SALES SQL QUERIES**

**A. KPI’s**

**1. Total Revenue:**

SELECT SUM(total\_price) AS Total\_Revenue FROM `pizza-sales-439307.PizzaSales.PizzaSalesTable`;



**2. Average Order Value**

SELECT SUM(total\_price)/COUNT(DISTINCT order\_id) AS Average\_Order\_Value FROM `pizza-sales-439307.PizzaSales.PizzaSalesTable`;



**3. Total Pizzas Sold**

SELECT SUM(quantity) AS Total\_Pizza\_sold FROM `pizza-sales-439307.PizzaSales.PizzaSalesTable`;



**4. Total Orders**

SELECT COUNT(DISTINCT order\_id) AS Total\_Order FROM `pizza-sales-439307.PizzaSales.PizzaSalesTable`;



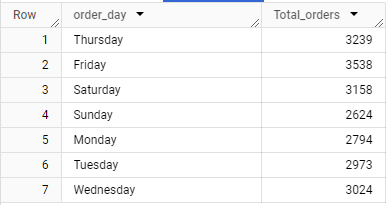
**5. Average Pizzas Per Order**

SELECT ROUND(CAST(SUM(quantity) AS FLOAT64)/CAST(COUNT(DISTINCT order\_id) AS FLOAT64), 2) AS Avg\_Pizza\_Per\_Order FROM `pizza-sales-439307.PizzaSales.PizzaSalesTable`;



**B. Daily Trend for Total Orders**SELECT FORMAT\_DATE('%A', order\_date) AS order\_day, COUNT(DISTINCT order\_id) AS Total\_orders FROM `pizza-sales-439307.PizzaSales.PizzaSalesTable`  
GROUP BY FORMAT\_DATE('%A', order\_date);

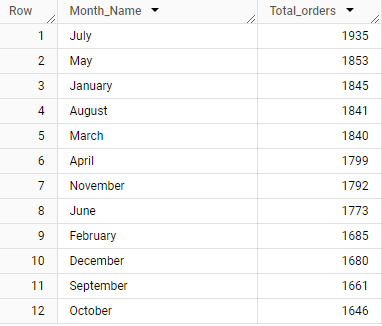
***Output:***

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**C. Monthly Trend for Orders**

SELECT FORMAT\_DATE('%B', order\_date) AS Month\_Name, COUNT(DISTINCT order\_id) AS Total\_orders FROM `pizza-sales-439307.PizzaSales.PizzaSalesTable` GROUP BY FORMAT\_DATE('%B', order\_date) ORDER BY Total\_orders DESC;

***Output***

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

SELECT pizza\_category, ROUND(CAST(SUM(total\_price) \* 100 AS FLOAT64) / (SELECT CAST(SUM(total\_price) AS FLOAT64) FROM `pizza-sales-439307.PizzaSales.PizzaSalesTable`),2) AS PCT FROM `pizza-sales-439307.PizzaSales.PizzaSalesTable` GROUP BY pizza\_category;

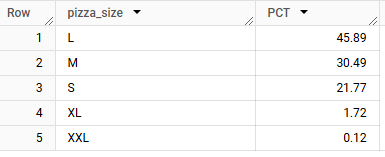
***Output***

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

SELECT pizza\_size, ROUND(CAST(SUM(total\_price) \* 100 AS FLOAT64) / (SELECT CAST(SUM(total\_price) AS FLOAT64) FROM `pizza-sales-439307.PizzaSales.PizzaSalesTable`),2) AS PCT FROM `pizza-sales-439307.PizzaSales.PizzaSalesTable` GROUP BY pizza\_size ORDER BY PCT DESC;

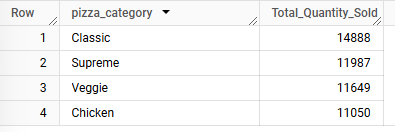
***Output***

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

SELECT pizza\_category,SUM(quantity) AS Total\_Quantity\_Sold FROM `pizza-sales-439307.PizzaSales.PizzaSalesTable` GROUP BY pizza\_category ORDER BY Total\_Quantity\_Sold DESC;

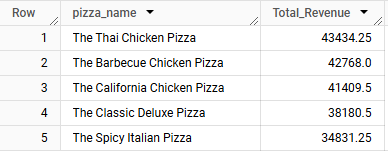
***Output***

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**G. Top 5 Pizzas by Revenue**

SELECT pizza\_name, SUM(total\_price) AS Total\_Revenue FROM `pizza-sales-439307.PizzaSales.PizzaSalesTable` GROUP BY pizza\_name

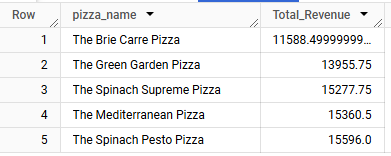
ORDER BY Total\_Revenue DESC LIMIT 5

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**H. Bottom 5 Pizzas by Revenue**

SELECT pizza\_name, SUM(total\_price) AS Total\_Revenue FROM `pizza-sales-439307.PizzaSales.PizzaSalesTable` GROUP BY pizza\_name

ORDER BY Total\_Revenue LIMIT 5

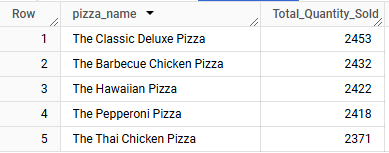
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**I. Top 5 Pizzas by Quantity**

SELECT pizza\_name, SUM(quantity) AS Total\_Quantity\_Sold FROM `pizza-sales-439307.PizzaSales.PizzaSalesTable` GROUP BY pizza\_name

ORDER BY Total\_Quantity\_Sold DESC LIMIT 5

***Output***

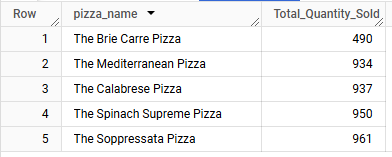
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**J. Bottom 5 Pizzas by Quantity**

SELECT pizza\_name, SUM(quantity) AS Total\_Quantity\_Sold FROM `pizza-sales-439307.PizzaSales.PizzaSalesTable` GROUP BY pizza\_name

ORDER BY Total\_Quantity\_Sold LIMIT 5

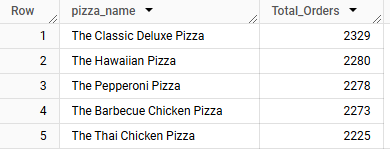
***Output***

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

SELECT pizza\_name, COUNT(DISTINCT order\_id) AS Total\_Orders FROM `pizza-sales-439307.PizzaSales.PizzaSalesTable` GROUP BY pizza\_name

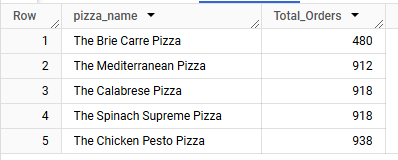
ORDER BY Total\_Orders DESC LIMIT 5

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

SELECT pizza\_name, COUNT(DISTINCT order\_id) AS Total\_Orders FROM `pizza-sales-439307.PizzaSales.PizzaSalesTable` GROUP BY pizza\_name

ORDER BY Total\_Orders LIMIT 5

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