**PIZZA SALES SQL QUERIES**

1. **KPI’s**
2. **Total Revenue:**

SELECT SUM(total\_price) AS Total\_Revenue FROM `pizza db`.pizza\_sales\_excel\_file;

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1. **Average Order Value:**

SELECT SUM(total\_price) AS Total\_Revenue FROM `pizza db`.pizza\_sales\_excel\_file;

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1. **Total Pizza Sold:**

SELECT SUM(quantity) AS Total\_Pizza\_Sold FROM `pizza db`.pizza\_sales\_excel\_file;

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1. **Total Orders Placed:**

SELECT COUNT(DISTINCT order\_id) AS Total\_Orders FROM `pizza db`.pizza\_sales\_excel\_file;

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1. **Average Pizza Per Order:**

SELECT CAST(SUM(quantity) / COUNT(DISTINCT order\_id) AS DECIMAL(10,2)) AS Average\_Pizza\_Per\_Order FROM `pizza db`.pizza\_sales\_excel\_file;

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1. **Daily Trends:**

SELECT dayname(str\_to\_date(order\_date,'%d/%m/%Y')) AS order\_day, COUNT(DISTINCT order\_id) AS Total\_orders FROM `pizza db`.pizza\_sales\_excel\_file GROUP BY order\_day ORDER BY Total\_orders;

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1. **Monthly Trends:**

SELECT monthname(str\_to\_date(order\_date,'%d/%m/%Y')) AS Month\_Name, COUNT(DISTINCT order\_id) AS Total\_Orders FROM `pizza db`.pizza\_sales\_excel\_file GROUP BY Month\_name ORDER BY Total\_orders;

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1. **Percentage sales by Pizza Category:**

SELECT pizza\_category, CAST(sum(total\_price) AS DECIMAL(10,2)) AS Total\_revenue, CAST(sum(total\_price) \* 100 / (SELECT sum(total\_price) from `pizza db`.pizza\_sales\_excel\_file) AS DECIMAL(10,2)) AS Percentage FROM `pizza db`.pizza\_sales\_excel\_file GROUP BY pizza\_category ORDER BY Percentage DESC;

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1. **Percentage 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 db`.pizza\_sales\_excel\_file) AS DECIMAL(10,2)) AS Percentage FROM `pizza db`.pizza\_sales\_excel\_file GROUP BY pizza\_size ORDER BY pizza\_size;

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1. **Top 10 Pizza by Revenue:**

SELECT pizza\_name, SUM(total\_price) AS Total\_Revenue FROM `pizza db`.pizza\_sales\_excel\_file GROUP BY pizza\_name ORDER BY Total\_Revenue DESC LIMIT 10;

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1. **Bottom 10 Pizza by Revenue:**

SELECT pizza\_name, SUM(total\_price) AS Total\_Revenue FROM `pizza db`.pizza\_sales\_excel\_file GROUP BY pizza\_name ORDER BY Total\_Revenue ASC LIMIT 10;

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1. **Top 10 Pizza by Quantity:**

SELECT pizza\_name, SUM(quantity) AS Total\_Quantity FROM `pizza db`.pizza\_sales\_excel\_file GROUP BY pizza\_name ORDER BY Total\_Quantity DESC LIMIT 10;

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1. **Bottom 10 Pizza by Quantity:**

SELECT pizza\_name, SUM(quantity) AS Total\_Quantity FROM `pizza db`.pizza\_sales\_excel\_file GROUP BY pizza\_name ORDER BY Total\_Quantity ASC LIMIT 10;

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1. **Top 10 Pizza by Total Orders:**

SELECT pizza\_name, COUNT(DISTINCT order\_id) AS Total\_Orders FROM `pizza db`.pizza\_sales\_excel\_file GROUP BY pizza\_name ORDER BY Total\_Orders DESC LIMIT 10;

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1. **Bottom 10 Pizza by Total Orders:**

SELECT pizza\_name, COUNT(DISTINCT order\_id) AS Total\_Orders FROM `pizza db`.pizza\_sales\_excel\_file GROUP BY pizza\_name ORDER BY Total\_Orders ASC LIMIT 10;

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