**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 CAST(CAST(SUM(QUANTITY) AS DECIMAL(10,2)) /

           CAST(COUNT(DISTINCT ORDER\_ID) AS DECIMAL(10,2)) AS DECIMAL(10,2)) AS AVG\_PIZZAS\_PER\_ORDER

FROM PIZZA\_SALES;



**B. Daily Trend for Total Orders**

SELECT DAYNAME(STR\_TO\_DATE(ORDER\_DATE,'%D-%M-%Y')) AS DAY\_ORDER,

       COUNT(DISTINCT(ORDER\_ID)) AS TOTAL\_ORDERS

FROM PIZZA\_SALES

GROUP BY DAYNAME(STR\_TO\_DATE(ORDER\_DATE,'%D-%M-%Y'));

***Output:***

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**C. Hourly Trend for Orders**

SELECT HOUR(ORDER\_TIME) AS ORDER\_HOURS,

       COUNT(DISTINCT ORDER\_ID) AS TOTAL\_ORDERS

FROM PIZZA\_SALES

GROUP BY HOUR(ORDER\_TIME)

ORDER BY HOUR(ORDER\_TIME);

***Output***

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**D. % of 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\_SALES) AS DECIMAL(10,2)) AS PCT

FROM PIZZA\_SALES

GROUP BY PIZZA\_CATEGORY;

***Output***

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**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;

***Output***

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

SELECT PIZZA\_CATEGORY, SUM(QUANTITY) AS TOTAL\_QUANTITY\_SOLD

FROM PIZZA\_SALES

GROUP BY PIZZA\_CATEGORY

ORDER BY TOTAL\_QUANTITY\_SOLD DESC;

***Output***

****

**G. Top 5 Best Sellers by Total Pizzas Sold**

SELECT PIZZA\_NAME, SUM(QUANTITY) AS TOTAL\_QUANTITY

FROM PIZZA\_SALES

GROUP BY PIZZA\_NAME

ORDER BY TOTAL\_QUANTITY DESC

LIMIT 5;

***Output***

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**H. Bottom 5 Best Sellers by Total Pizzas Sold**

SELECT PIZZA\_NAME, SUM(QUANTITY) AS TOTAL\_QUANTITY

FROM PIZZA\_SALES

GROUP BY PIZZA\_NAME

ORDER BY TOTAL\_QUANTITY

LIMIT 5;

***Output***

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