**PIZZA SALES SQL QUERIES**

**Create database**

CREATE DATABASE IF NOT EXISTS pizzaSales;

**Create Table**

CREATE TABLE IF NOT EXISTS pizza\_sales (

    order\_details\_id INT NOT NULL AUTO\_ICREMAENT PRIMARY KEY,

    order\_id INT NOT NULL,

    pizza\_id VARCHAR(30) NOT NULL,

    total\_orders DECIMAL(10,2) NOT NULL,

    quantity INT NOT NULL,

    unit\_price DECIMAL(10,2) NOT NULL,

    order\_date DATETIME NOT NULL,

    order\_time TIME NOT NULL,

    total\_price DECIMAL(12, 4) NOT NULL,

    pizza\_size VARCHAR(15) NOT NULL,

    pizza\_category VARCHAR(15) NOT NULL,

    pizza\_ingredients VARCHAR(100) NOT NULL,

    pizza\_name VARCHAR(15) NOT NULL,

);

**KPI**

1. **Total Revenue:**

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



1. **Average Order Value:**

SELECT SUM(total\_price)/ COUNT( DISTINCT order\_id) AS avg\_order\_value FROM pizza\_sales;



1. **Total Pizzas Sold:**

SELECT SUM(quantity) AS total\_pizza\_sold FROM pizza\_sales;

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1. **Total Orders:**

SELECT COUNT(DISTINCT order\_id) AS total\_order FROM pizza\_sales;



1. **Average Pizzas Per Order:**

SELECT CONVERT(SUM(quantity)/ COUNT(DISTINCT order\_id), DECIMAL(10,2)) AS avg\_pizzas\_per\_order FROM pizza\_sales;

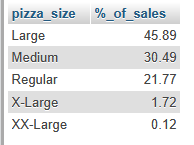
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**Percentage of Sales by Pizza Size**

[SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) pizza\_size, CONVERT(([SUM](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/aggregate-functions.html%23function_sum)(total\_price)\* 100)/([SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) [SUM](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/aggregate-functions.html%23function_sum)(total\_price) FROM pizza\_sales), DECIMAL(10,2)) AS `%\_of\_sales`

FROM pizza\_sales

GROUP BY pizza\_size;

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**Hourly Trend for Total Pizzas Sold**

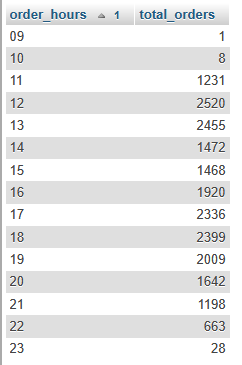
SELECT TIME\_FORMAT(order\_time,"%H") AS order\_hours,

COUNT(DISTINCT order\_id) AS total\_orders

FROM pizza\_sales

GROUP BY order\_hours

ORDER BY order\_hours;



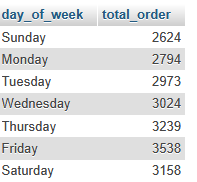
**daily Trend for Total Orders**

SELECT DATE\_FORMAT(order\_date, '%W') AS day\_of\_week, COUNT(DISTINCT order\_id) AS total\_order

FROM pizza\_sales

GROUP BY day\_of\_week

ORDER BY FIELD(day\_of\_week, 'Sunday', 'Monday', 'Tuesday', 'Wednesday', 'Thursday', 'Friday', 'Saturday');

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**Percentage of Sales by Pizza Category**

SELECT pizza\_category,

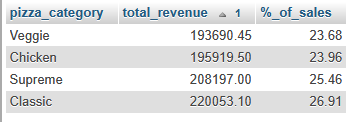
SUM(total\_price) AS total\_revenue,

CONVERT(SUM(total\_price) \* 100 / (SELECT SUM(total\_price) FROM pizza\_sales) , DECIMAL(10,2)) AS `%\_of\_sales`

FROM pizza\_sales

GROUP BY pizza\_category

ORDER BY total\_revenue;



**Percentage of Sales by Pizza Size**

SELECT pizza\_size,

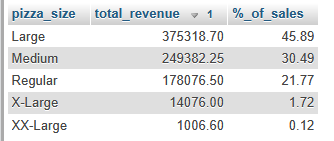
SUM(total\_price) AS total\_revenue,

CONVERT(SUM(total\_price) \* 100 / (SELECT SUM(total\_price) FROM pizza\_sales) , DECIMAL(10,2)) AS `%\_of\_sales`

FROM pizza\_sales

GROUP BY pizza\_size

ORDER BY total\_revenue DESC;



**Total Pizzas Sold by Pizza Category**

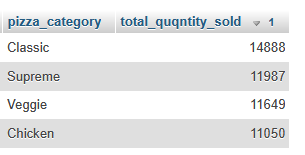
SELECT pizza\_category,

SUM(quantity) AS total\_quqntity\_sold

FROM pizza\_sales

GROUP BY pizza\_category

ORDER BY total\_quqntity\_sold DESC;



**Top 5 Best Sellers by Revenue, Total Quantity and Total Orders**

SELECT pizza\_name,

CONVERT(SUM(total\_price), DECIMAL(10,2)) AS revenue,

SUM(quantity) AS total\_quantity,

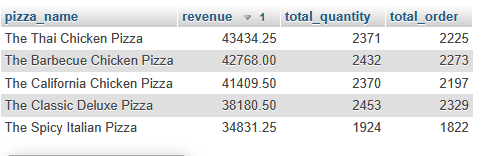
COUNT(DISTINCT order\_id) AS total\_order

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY revenue DESC

LIMIT 5;



**Bottom 5 Best Sellers by Revenue, Total Quantity and Total Orders**

SELECT pizza\_name,

CONVERT(SUM(total\_price), DECIMAL(10,2)) AS revenue,

SUM(quantity) AS total\_quantity,

COUNT(DISTINCT order\_id) AS total\_order

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY revenue

LIMIT 5;

