**PIZZA SALES ANALYSIS - MySQL QUERIES**

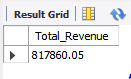
1. Total Revenue

SELECT

SUM(total\_price) AS Total\_Revenue

FROM pizza\_sales;

**OUTPUT**



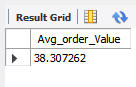
1. Average Order Price

SELECT

(SUM(total\_price) / COUNT(DISTINCT order\_id)) AS Avg\_order\_Value

FROM pizza\_sales;

**OUTPUT**



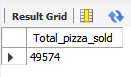
1. Total Pizzas Sold

SELECT

SUM(quantity) AS Total\_pizza\_sold

FROM pizza\_sales;

**OUTPUT**



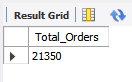
1. Total Orders

SELECT

COUNT(DISTINCT order\_id) AS Total\_Orders

FROM pizza\_sales;

**OUTPUT**



1. Average Pizzas Per Order

SELECT

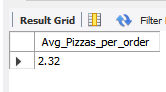
CAST(CAST(SUM(quantity) AS DECIMAL(10,2)) /

CAST(COUNT(DISTINCT order\_id) AS DECIMAL(10,2)) AS DECIMAL(10,2))

AS Avg\_Pizzas\_per\_order

FROM pizza\_sales;

**OUTPUT**



1. Hourly Trend for Total Pizzas Sold

SELECT

HOUR(order\_time) AS order\_hours,

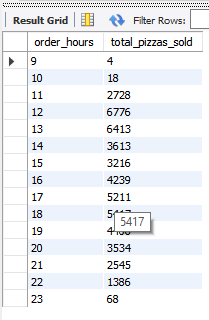
SUM(quantity) AS total\_pizzas\_sold

FROM pizza\_sales

GROUP BY HOUR(order\_time)

ORDER BY HOUR(order\_time);

**OUTPUT**



1. Weekly Trend for Orders

SELECT

WEEK(order\_date,1) AS WeekNumber,

YEAR(order\_date) AS Year,

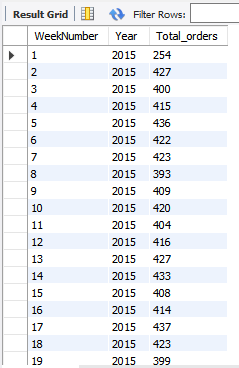
COUNT(DISTINCT order\_id) AS Total\_orders

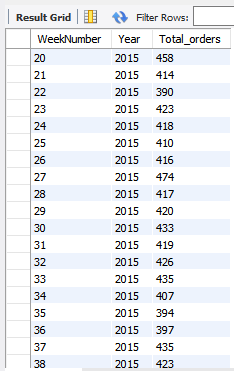
FROM pizza\_sales

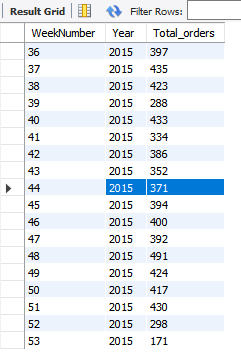
GROUP BY WEEK(order\_date,1),YEAR(order\_date)

ORDER BY Year, WeekNumber;

**OUTPUT**







1. Percentage of Sales by Pizza Category

SELECT

pizza\_category,

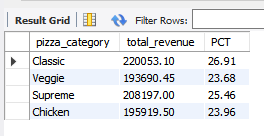
CAST(SUM(total\_price) AS DECIMAL(10,2)) AS total\_revenue,

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**



1. Percentage of Sales by Pizza Size

SELECT

pizza\_size,

CAST(SUM(total\_price) AS DECIMAL(10,2)) AS total\_revenue,

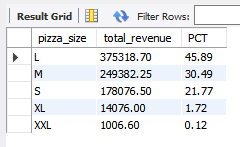
CAST(SUM(total\_price) \* 100 / (SELECT SUM(total\_price) FROM pizza\_sales) AS DECIMAL(10,2)) AS PCT

FROM pizza\_sales

GROUP BY pizza\_size

ORDER BY pizza\_size;

**OUTPUT**



1. Total Pizzas Sold by Pizza Category

SELECT

pizza\_category,

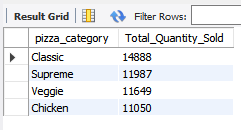
SUM(quantity) AS Total\_Quantity\_Sold

FROM pizza\_sales

GROUP BY pizza\_category

ORDER BY Total\_Quantity\_Sold DESC;

**OUTPUT**



1. Top 5 Pizzas by Revenue

SELECT

pizza\_name,

SUM(total\_price) AS Total\_Revenue

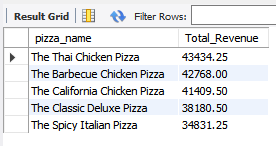
FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Revenue DESC

LIMIT 5;

**OUTPUT**



1. Bottom 5 Pizzas by Revenue

SELECT

pizza\_name,

SUM(total\_price) AS Total\_Revenue

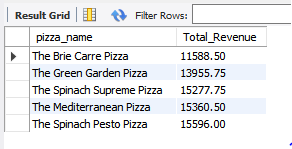
FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Revenue ASC

LIMIT 5;

**OUTPUT**



1. Top 5 Pizzas by Quantity

SELECT

pizza\_name,

SUM(quantity) AS Total\_Pizza\_Sold

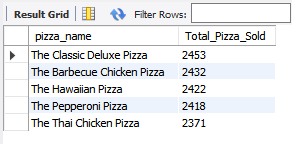
FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Pizza\_Sold DESC

LIMIT 5;

**OUTPUT**



1. Bottom 5 Pizzas by Quantity

SELECT

pizza\_name,

SUM(quantity) AS Total\_Pizza\_Sold

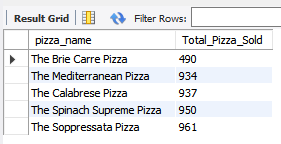
FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Pizza\_Sold ASC

LIMIT 5;

**OUTPUT**



1. Top 5 Pizzas by Total Orders

SELECT

pizza\_name,

COUNT(DISTINCT order\_id) AS Total\_Orders

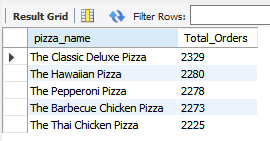
FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Orders DESC

LIMIT 5;

**OUTPUT**



1. Bottom 5 Pizzas by Total Orders

SELECT

pizza\_name,

COUNT(DISTINCT order\_id) AS Total\_Orders

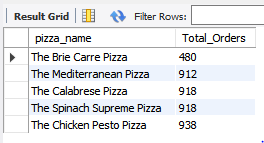
FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Orders ASC

LIMIT 5;

**OUTPUT**



1. Modification is required in queries when a filer is applied

The application of filters requires using the ‘WHERE’ clause. Following is an example to demonstrate:

SELECT

pizza\_name,

COUNT(DISTINCT order\_id) AS Total\_Orders

FROM pizza\_sales

WHERE pizza\_category = 'Classic'

GROUP BY pizza\_name

ORDER BY Total\_Orders ASC

LIMIT 5;