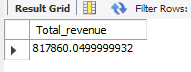
**PIZZA SALES SQL QUIRIES**

**KPI’s**

1. **Total Revenue**

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

***Result***

****

1. **Total Orders**

**SELECT COUNT(DISTINCT order\_id) AS Total\_orders FROM pizza\_sales;**

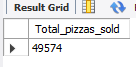
***Result***



1. **Total Pizzas Sold**

**SELECT SUM(Quantity) AS Total\_pizzas\_sold FROM pizza\_sales;**

***Result***

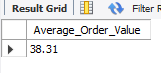
****

1. **Average Order Value (AOV)**

**SELECT ROUND(SUM(total\_price) / COUNT(DISTINCT order\_id),2) AS Average\_Order\_Value**

**FROM pizza\_sales;**

***Result***

****

1. **Average Pizzas Price**

**SELECT ROUND(SUM(total\_price) / SUM(quantity),2) AS Average\_Pizzas\_Price**

**FROM pizza\_sales;**

***Result***

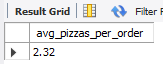
****

**6. Average Pizzas Per Order**

**SELECT ROUND(SUM(quantity) / COUNT(DISTINCT order\_id), 2) AS avg\_pizzas\_per\_order**

**FROM pizza\_sales;**

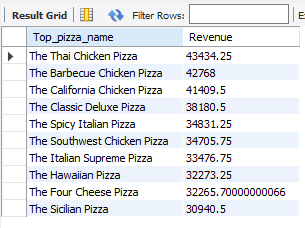
***Result***

****

1. **Top 10 Pizzas by Revenue**

**SELECT pizza\_name AS Top\_pizza\_name, SUM(total\_price) AS Revenue FROM pizza\_sales GROUP BY pizza\_name ORDER BY Revenue DESC LIMIT 10;**

***Result***

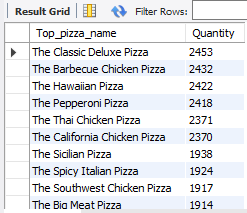
****

1. **Top 10 Pizzas by Quantity**

**SELECT pizza\_name AS Top\_pizza\_name, SUM(quantity) AS Quantity FROM pizza\_sales**

**GROUP BY pizza\_name ORDER BY SUM(quantity) DESC LIMIT 10;**

***Result***

****

1. **Order Frequency by Hour**

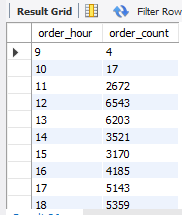
**SELECT HOUR(order\_time) AS order\_hour, COUNT(\*) AS order\_count**

**FROM pizza\_sales**

**GROUP BY order\_hour**

**ORDER BY order\_hour;**

***Result***

****

1. **Daily Trend for Total Orders**

**SELECT**

**DAYNAME(STR\_TO\_DATE(order\_date, '%m/%d/%Y')) AS order\_day,**

**COUNT(DISTINCT order\_id) AS total\_orders**

**FROM pizza\_sales**

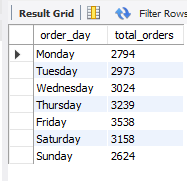
**WHERE STR\_TO\_DATE(order\_date, '%m/%d/%Y') IS NOT NULL**

**GROUP BY order\_day**

**ORDER BY FIELD(order\_day,**

**'Monday', 'Tuesday', 'Wednesday', 'Thursday', 'Friday', 'Saturday', 'Sunday');**

***Result***

****

1. **Monthly Trend for Total Orders**

**SELECT**

**MONTHNAME(STR\_TO\_DATE(order\_date, '%m/%d/%Y')) AS month\_name,**

**COUNT(DISTINCT order\_id) AS total\_orders**

**FROM pizza\_sales**

**WHERE STR\_TO\_DATE(order\_date, '%m/%d/%Y') IS NOT NULL**

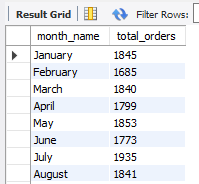
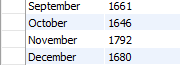
**GROUP BY month\_name**

**ORDER BY FIELD(month\_name,**

**'January', 'February', 'March', 'April', 'May', 'June',**

**'July', 'August', 'September', 'October', 'November', 'December');**

***Result***

** **

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

**SELECT**

**pizza\_category,**

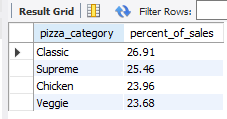
**ROUND(SUM(total\_price) / (SELECT SUM(total\_price) FROM pizza\_sales) \* 100, 2) AS percent\_of\_sales**

**FROM pizza\_sales**

**GROUP BY pizza\_category**

**ORDER BY percent\_of\_sales DESC;**

***Result***

****

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

**SELECT**

**pizza\_size, ROUND(SUM(total\_price),2) AS total\_revenue,**

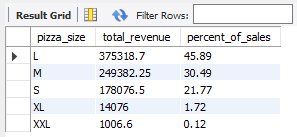
**ROUND(SUM(total\_price) / (SELECT SUM(total\_price) FROM pizza\_sales) \* 100, 2) AS percent\_of\_sales**

**FROM pizza\_sales**

**GROUP BY pizza\_size**

**ORDER BY percent\_of\_sales DESC;**

***Result***

****

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

**SELECT**

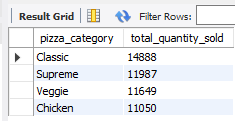
**pizza\_category, SUM(quantity) AS total\_quantity\_sold**

**FROM pizza\_sales**

**GROUP BY pizza\_category**

**ORDER BY total\_quantity\_sold;**

***Result***

****