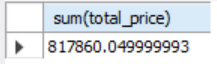
**Pizza sales SQL queries**

1. **KPI’s**

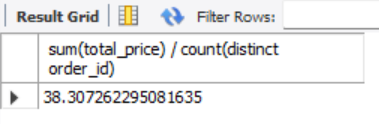
**a)Total revenue:**

**select sum(total\_price) from pizza\_sales;**

****

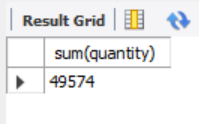
**b)Average order value:**

**select sum(total\_price) / count(distinct order\_id) from pizza\_sales;**

****

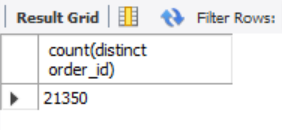
**c)Total pizzas sold**

**select sum(quantity) from pizza\_sales;**

****

**d) Total orders placed :**

**select count(distinct order\_id) from pizza\_sales;**

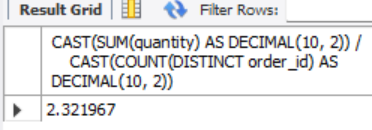
****

**e) Average pizzas per order :**

**SELECT**

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

**CAST(COUNT(DISTINCT order\_id) AS DECIMAL(10, 2)) FROM pizza\_sales;**

****

1. **Chart -01 (Daily Trend for total orders)**

SELECT

order\_day,

COUNT(DISTINCT order\_id) AS total\_orders

FROM (

SELECT

order\_id,

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

FROM pizza\_sales

WHERE order\_date IS NOT NULL

) AS converted

GROUP BY order\_day

ORDER BY total\_orders DESC;

1. **Chart- 02 (Monthly trend for orders)**

SELECT

order\_month,

COUNT(DISTINCT order\_id) AS total\_orders

FROM (

SELECT

order\_id,

monthname(STR\_TO\_DATE(order\_date, '%d-%m-%Y')) AS order\_month

FROM pizza\_sales

WHERE order\_date IS NOT NULL

) AS converted

GROUP BY order\_month

ORDER BY total\_orders DESC;

1. **Chart -03 (% of sales by pizza category)**

SELECT

ps.pizza\_category,

cSUM(ps.total\_price) \* 100 / ts.total\_sales AS percentage\_sales

FROM

pizza\_sales ps

JOIN

(SELECT SUM(total\_price) AS total\_sales FROM pizza\_sales) ts

GROUP BY

ps.pizza\_category;

1. **chart-04 (% of sales by pizza size)**

SELECT

ps.pizza\_size,

cast(SUM(ps.total\_price) \* 100 / ts.total\_sales as decimal(10,2)) AS percentage\_sales

FROM

pizza\_sales ps

JOIN

(SELECT SUM(total\_price) AS total\_sales FROM pizza\_sales) ts

GROUP BY

ps.pizza\_size

order by percentage\_sales desc;

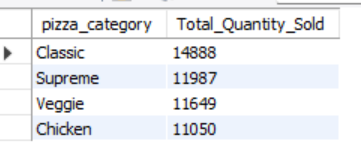
1. **chart- 05 ( Total pizza sold by pizza category)**

SELECT pizza\_category, SUM(quantity) as Total\_Quantity\_Sold

FROM pizza\_sales

GROUP BY pizza\_category

ORDER BY Total\_Quantity\_Sold DESC;



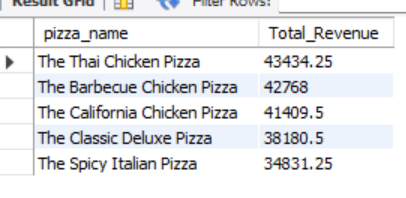
1. **chart- 06 (Top 5 pizzas by revenue)**

SELECT pizza\_name, SUM(total\_price) AS Total\_Revenue

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Revenue DESC limit 5;



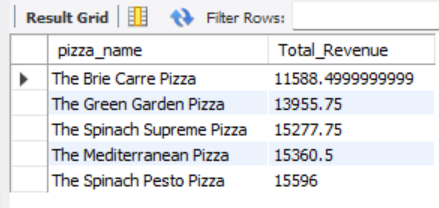
1. **chart-07 ( Bottom 5)**

SELECT pizza\_name, SUM(total\_price) AS Total\_Revenue

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Revenue asc limit 5;



1. **chart – 08 ( Top 5 pizza by quantity)**

SELECT pizza\_name, SUM(quantity) AS Total\_sold

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_sold desc limit 5;

1. **chart – 09 ( Bottom 5 by quantity)**

SELECT pizza\_name, SUM(quantity) AS Total\_sold

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_sold asc limit 5;

1. **chart – 10 ( Top 5 pizza 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;

1. **chart – 11 ( bottom 5 pizza 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;