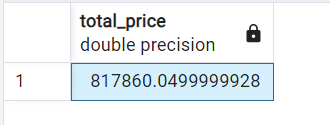
**PIZZA SALES SQL QUERIES**

PIZZA SALES QUESTIONS:

KPI’S Requirement

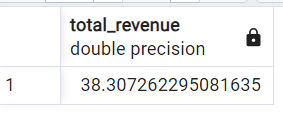
1)Total Revenue: The sum of the total price of all pizza orders

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



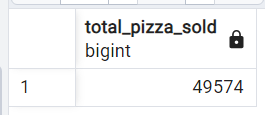
2)average Order Value: The average amount spent per order,calculated by dividing the total revenue by the total number of orders

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



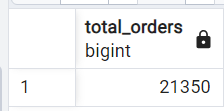
3)Total Pizzas Sold: The sum of the qualities of all pizza sold

* select sum(quantity) as total\_pizza\_sold from pizza;



4)Total Orders: The total number of orders placed

* select count(distinct order\_id) as total\_orders from pizza;



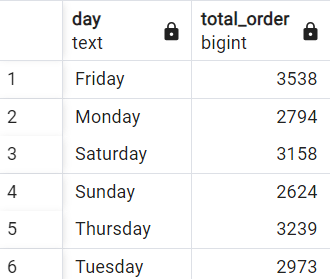
5)Average Pizzas For Order: The average number of pizzas sold per order, calculated by dividing the total number of pizzas sold by the total number of orders.

* SELECT CAST(SUM(quantity) AS DECIMAL(10,2)) / CAST(COUNT(DISTINCT order\_id) AS DECIMAL(10,2)) AS avg\_pizza FROM pizza;



1. **Daily Trend for Total Orders**

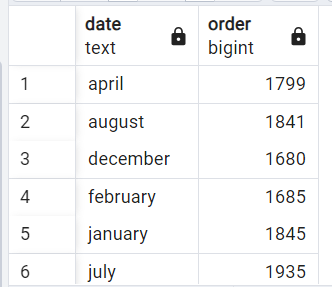
* SELECT to\_char(order\_date, 'Day') AS day, COUNT(DISTINCT order\_id) AS total\_order FROM pizza GROUP BY to\_char(order\_date, 'Day');



1. **Monthly Trend for Orders**

select to\_char(order\_date,'month') as date, count(distinct order\_id) as order from pizza

group by date;

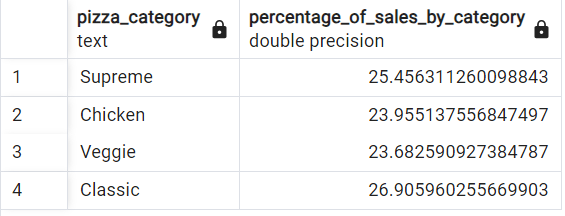
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1. **% of Sales by Pizza Category**

select pizza\_category,sum(total\_price)\*100/

(select sum(total\_price) from pizza) as percentage\_of\_sales\_by\_category

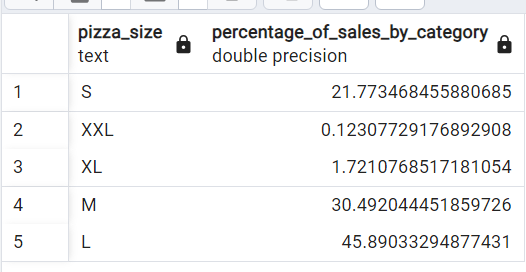
from pizza group by pizza\_category;



1. **% of Sales by Pizza Size**select pizza\_size,sum(total\_price)\*100/

(select sum(total\_price) from pizza) as percentage\_of\_sales\_by\_category

from pizza group by pizza\_size;



* **TOP AND BOTTOM**

1. Top 5 best sellers by revenue ,total quantity and total orders.

* select pizza\_name,sum(total\_price) as revenue from pizza

group by pizza\_name order by revenue desc limit 5;



1. Bottom 5 pizza by revenue

* select pizza\_name,sum(total\_price) as revenue from pizza

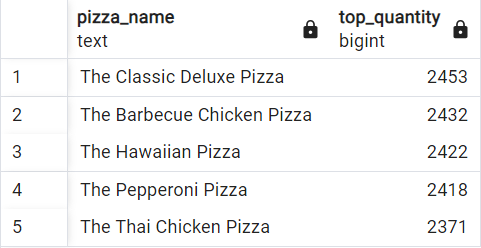
group by pizza\_name order by revenue limit 5;



1. Top 5 pizza by quantity

* select pizza\_name,sum(quantity) as top\_quantity from pizza

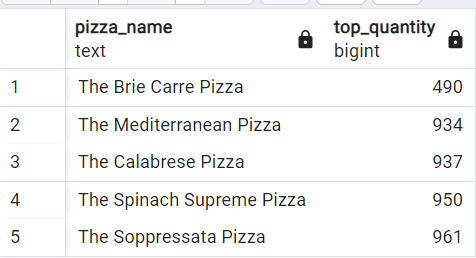
group by pizza\_name order by top\_quantity desc limit 5;



1. Bottom 5 pizza by quantity

* select pizza\_name,sum(quantity) as top\_quantity from pizza

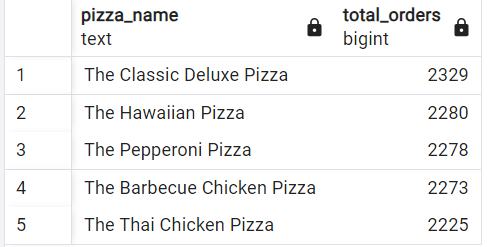
group by pizza\_name order by top\_quantity limit 5;



1. Top 5 pizza by total\_orders

* select pizza\_name, count(distinct order\_id) as total\_orders

from pizza group by pizza\_name order by total\_orders desc limit 5;



1. Bootom 5 pizza by total orders

* select pizza\_name, count(distinct order\_id) as total\_orders

from pizza group by pizza\_name order by total\_orders limit 5;

