PIZZA SALES SQL QUERIES



1. Total Revenue:

select sum(total_price) as Total_Revenue from pizza;

Output:



2. Average Order Value

select (sum(total_price) / count(distinct order_id)) as Average_Order_Value
from pizza;

Output:



3. Total Pizzas Sold

select sum(quantity)as Total_Pizza_Sold from pizza;

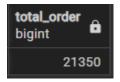
Output:



4. Total orders

select count(distinct order_id) Total_Order from pizza;

Output:



5. Average Pizza 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 Average_Pizzas_Per_order
from pizza;

Output:



B. Daily Trend for Total Orders

select to_char(order_date, 'day') as Order_Day, count(distinct order_id) as Total_Order from pizza group by to char(order date, 'day')

order by total_order desc;

Output:

order_day text	total_order bigint
friday	3538
thursday	3239
saturday	3158
wednesday	3024
tuesday	2973
monday	2794
sunday	2624

C. Monthly Trend for Total Orders

select to_char(order_date, 'month') as Order_Day, count(distinct order_id) as Total_Order from pizza

group by to_char(order_date, 'month')

order by total_order desc;

Output:

order_day text	total_order bigint
july	1935
may	1853
january	1845
august	1841
march	1840
april	1799
november	1792
june	1773
february	1685
december	1680
september	1661
october	1646

D. % 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) as decimal(10,2)) as Percentage_of_Sale

from pizza

group by pizza_category

Output:

pizza_category character varying (50)	total_revenue numeric (10,2)	percentage_of_sale numeric (10,2)
Supreme	208197.00	25.46
Chicken	195919.50	23.96
Veggie	193690.45	23.68
Classic	220053.10	26.91

E. % 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) as decimal(10,2)) as Percentage_of_Sale

from pizza

group by pizza_size

order by percentage_of_Sale desc

Output:

pizza_size character varying (50)	total_revenue numeric (10,2)	percentage_of_sale numeric (10,2)
L	375318.70	45.89
М	249382.25	30.49
s	178076.50	21.77
XL	14076.00	1.72
XXL	1006.60	0.12

F. Total Pizzas Sold by Pizza Category

select pizza_category, sum(quantity) as total_pizza_sold from pizza group by pizza_category order by total_pizza_sold desc

Output:

pizza_category character varying (50)	total_pizza_sold bigint
Classic	14888
Supreme	11987
Veggie	11649
Chicken	11050

G. Top 5 Pizzas by Revenue

select pizza_name, sum(total_price) as Total_Revenue from pizza group by pizza_name

order by total_Revenue desc

limit 5

Output:

pizza_name character varying (50)	total_revenue double precision
The Thai Chicken Pizza	43434.25
The Barbecue Chicken Pizza	42768
The California Chicken Pizza	41409.5
The Classic Deluxe Pizza	38180.5
The Spicy Italian Pizza	34831.25

H. Bottom 5 Pizzas by Revenue

select pizza_name, sum(total_price) as Total_Revenue from pizza group by pizza_name order by total_Revenue asc

limit 5

Output:

pizza_name character varying (50)	total_revenue double precision
The Brie Carre Pizza	11588.4999999999
The Green Garden Pizza	13955.75
The Spinach Supreme Pizza	15277.75
The Mediterranean Pizza	15360.5
The Spinach Pesto Pizza	15596

I. Top 5 Pizzas by Quantity

select pizza_name, sum(quantity) as Total_pizza_sold from pizza group by pizza_name order by Total_pizza_sold desc limit 5

Output:

pizza_name character varying (50)	total_pizza_sold bigint
The Classic Deluxe Pizza	2453
The Barbecue Chicken Pizza	2432
The Hawaiian Pizza	2422
The Pepperoni Pizza	2418
The Thai Chicken Pizza	2371

J. Bottom 5 Pizzas by Quantity

select pizza_name, sum(quantity) as Total_pizza_sold from pizza group by pizza_name order by Total_pizza_sold asc

Output:

Output:

limit 5

pizza_name character varying (50)	total_pizza_sold bigint
The Brie Carre Pizza	490
The Mediterranean Pizza	934
The Calabrese Pizza	937
The Spinach Supreme Pizza	950
The Soppressata Pizza	961

K. Top 5 Pizzas 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

pizza_name character varying (50)	total_orders bigint
The Classic Deluxe Pizza	2329
The Hawaiian Pizza	2280
The Pepperoni Pizza	2278
The Barbecue Chicken Pizza	2273
The Thai Chicken Pizza	2225

K. Bottom 5 Pizzas by Total Orders

select pizza_name, count(distinct order_id) as Total_Orders from pizza group by pizza_name order by Total_Orders asc

limit 5

Output:

pizza_name character varying (50)	total_orders bigint
The Brie Carre Pizza	480
The Mediterranean Pizza	912
The Calabrese Pizza	918
The Spinach Supreme Pizza	918
The Chicken Pesto Pizza	938