Pizza sales sql quries

-- 1. Total Revenue

SELECT SUM(total_price) AS Total_Revenue FROM pizza_sales;

total_revenue double precision
817860.0499999928

-- 2. Average Order Value

SELECT (SUM(total_price) / COUNT(DISTINCT order_id)) AS Avg_order_Value

FROM pizza_sales;

avg_order_value double precision
38.307262295081635

-- 3. Total Pizzas Sold

SELECT SUM(quantity) AS Total_pizza_sold FROM pizza_sales;

total_pizza_sold bigint
49574

-- 4. Total Orders

SELECT COUNT(DISTINCT order_id) AS Total_Orders FROM pizza_sales;

total_orders bigint
21350

-- 5. 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;

avg_pizzas_per_order numeric (10,2)
2.32

-- B. Daily Trend for Total Orders

```
SELECT TO_CHAR(order_date, 'Day') AS order_day, COUNT(DISTINCT order_id) AS total_orders
FROM pizza_sales
GROUP BY TO_CHAR(order_date, 'Day');
```

order_day text	total_orders bigint
Friday	3538
Monday	2794
Saturday	3158
Sunday	2624
Thursday	3239
Tuesday	2973
Wednesday	3024

```
-- C. Monthly Trend for Orders
SELECT TO_CHAR(order_date, 'Month') AS Month_Name, COUNT(DISTINCT order_id) AS Total_Orders
FROM pizza_sales
GROUP BY TO_CHAR(order_date, 'Month');
```

month_name text	total_orders bigint
April	1799
August	1841
December	1680
February	1685
January	1845
July	1935
June	1773
March	1840
May	1853
November	1792
October	1646
September	1661

```
-- 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_sales) AS DECIMAL(10,2)) AS PCT
```

FROM pizza_sales

GROUP BY pizza_category;

pizza_category character varying (50)	total_revenue numeric (10,2)	pct 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_sales) AS DECIMAL(10,2)) AS PCT

FROM pizza_sales

GROUP BY pizza_size

ORDER BY pizza_size;

pizza_size character varying (50)	total_revenue numeric (10,2)	pct numeric (10,2)
L	375318.70	45.89
M	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_Quantity_Sold

FROM pizza_sales

WHERE EXTRACT(MONTH FROM order_date) = 2

GROUP BY pizza_category

ORDER BY Total_Quantity_Sold DESC;

pizza_category character varying (50)	total_quantity_sold bigint
Classic	1178
Supreme	964
Veggie	944
Chicken	875

-- G. 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;
```

pizza_name character varying (100)	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_sales
GROUP BY pizza_name
ORDER BY Total_Revenue ASC
LIMIT 5;
```

pizza_name character varying (100)	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_sales
GROUP BY pizza_name
ORDER BY Total_Pizza_Sold DESC
LIMIT 5;
```

pizza_name character varying (100)	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

-- J. 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;
```

pizza_name character varying (100)	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. 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;
```

pizza_name character varying (100)	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

-- L. 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;
```

pizza_name character varying (100)	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

-- Example with pizza_category filter

```
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;
```

pizza_name character varying (100)	total_orders bigint
The Pepperoni, Mushroom, and Peppers Pizza	1316
The Greek Pizza	1361
The Italian Capocollo Pizza	1380
The Napolitana Pizza	1421
The Big Meat Pizza	1811