**PIZZA SALES SQL QUERIES**

**A. KPI’s**

**1. Total Revenue:**

SELECT SUM(total\_price) AS Total\_Revenue FROM pizza\_sales

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| |  | **(Total\_Revenue):** | | --- | --- | |  | 84691.4999999972 | |

**2. Average Order Value**

SELECT (SUM(total\_price) / COUNT(DISTINCT order\_id)) AS Avg\_order\_Value FROM pizza\_sales

**(Avg\_order\_Value):**

37.88501971090658

**3. Total Pizzas Sold**

SELECT SUM(quantity) AS Total\_pizza\_sold FROM pizza\_sales

**(Total\_pizza\_sold):**

**5250**

**4. Total Orders**

SELECT COUNT(DISTINCT order\_id) AS Total\_Orders FROM pizza\_sales

**(Total\_Orders):**

**2283**

**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

**(Average\_Pizzas\_per\_order):**

**2.30**

**B. Daily Trend for Total Orders**SELECT DATENAME(DW, order\_date) AS order\_day, COUNT(DISTINCT order\_id) AS total\_orders

FROM pizza\_sales GROUP BY DATENAME(DW, order\_date)

***Output:***

****

**C. Monthly Trend for Orders**

select DATENAME(MONTH, order\_date) as Month\_Name, COUNT(DISTINCT order\_id) as Total\_Orders

from pizza\_sales

GROUP BY DATENAME(MONTH, order\_date)

***Output***

**Month\_name Total\_orders**

**January 1845**

**February 438**

**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

***Output:***

**Pizza\_category percentage**

**1.Classic 26.64**

**2.Supreme 23.04**

**3.Veggie 24.36**

**4.chicken 25.9**

**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

***Output***

**Pizza\_size Total\_Revenue Percentage**

**Large 39785.10 46%**

**Medium 26151.50 30.24%**

**Regular 19003.30 21.97%**

**Xlarge 1479.00 1.71%**

**XXLarge 0 0**

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

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

FROM pizza\_sales

WHERE MONTH(order\_date) = 2

GROUP BY pizza\_category

ORDER BY Total\_Quantity\_Sold DESC

***Output***

**Pizza\_category total\_Quantity\_sold**

**1.Classic 1562**

**2.Supreme 1302**

**3.Veggie 1260**

**4.Chicken 1126**

**G. Top 5 Pizzas by Revenue**

SELECT Top 5 pizza\_name, SUM(total\_price) AS Total\_Revenue

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Revenue DESC

*Output*

pizza\_name Total\_Revenue

1.The barbecue pizza 4718.75

2.The California Chicken Pizza 4329.00

3.The Thai Chicken Pizza 4266.75

4.The Italian Supreme pizza 3733.25

5.The Classic Deluxe Pizza 3661.50

**H. Bottom 5 Pizzas by Revenue**

SELECT Top 5 pizza\_name, SUM(total\_price) AS Total\_Revenue

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Revenue ASC

***Output***

pizza\_name Total\_Revenue

1.**The spinach pesto Pizza 1613.50**

**2.The Chicken Pesto Pizza 1588.25**

**3.The Mediterrenean Pizza 1320.75**

**4.The Green Garden Pizza 1277.50**

**5.The Brie Carre Pizza 1206.15**

**I. Top 5 Pizzas by Quantity**

SELECT Top 5 pizza\_name, SUM(quantity) AS Total\_Pizza\_Sold

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Pizza\_Sold DESC

***Output***

**Pizza\_name Total\_Pizza\_sold**

**1.The Pepperoni Pizza 290**

**2.The Barbecue Pizza 265**

**3.The California Chicken Pizza 252**

**4.The Classic Deluxe Pizza 237**

**5.The Hawaiian Pizza 233**

**J. Bottom 5 Pizzas by Quantity**

SELECT TOP 5 pizza\_name, SUM(quantity) AS Total\_Pizza\_Sold

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Pizza\_Sold ASC

***Output***

**Pizza\_name Total\_pizza\_sold**

**1.The soppressata pizza 96**

**2.The Chicken pesto pizaa 91**

**3.The Green garden pizza 91**

**4.The Mediterrenean pizza 79**

**5.The Brie care Pizza 51**

**K. Top 5 Pizzas by Total Orders**

SELECT Top 5 pizza\_name, SUM(quantity) AS Total\_Pizza\_Sold

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Pizza\_Sold DESC

***Output***

**Pizza\_name Total\_Pizza\_Sold**

**1.The Pepperoni pizza 274**

**2.The barbecue chicken Pizza 248**

**3.The California Chicken Pizza 237**

**4.The Classic Deluxe pizza 228**

**5.The Thai Chicken Pizza 222**

**L. Bottom 5 Pizzas by Total Orders**

SELECT TOP 5 pizza\_name, SUM(quantity) AS Total\_Pizza\_Sold

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Pizza\_Sold ASC

***Output***

**Pizza\_name Total\_Pizza\_Sold**

**1.The calabrese Pizza 94**

**2.The Chicken Pesto Pizza 89**

**3.The Green Garden Pizza 89**

**4.The Mediterreanean Pizza 74**

**5.The Brie Carre Pizza 50**