**Pizza Sales SQL Queries**

1. **KPI’**
2. **Total Revenue**

SELECT SUM(total\_price) as Total\_revenue

from PIZZA\_SALES;

|  |
| --- |
| **total\_revenue** |
| 817860.05 |

1. **Average Order Value**

SELECT CAST(SUM(total\_price)/COUNT(DISTINCT order\_id)AS DECIMAL(10,2)) as Avg\_order\_value

from PIZZA\_SALES;

|  |
| --- |
| **avg\_order\_value** |
| 38.31 |

1. **Total Pizzas Sold**

SELECT SUM(quantity) as total\_pizza\_sold

from PIZZA\_SALES;

|  |
| --- |
| total\_pizza\_sold |
| 49574 |

1. **Total Pizzas Ordered**

SELECT COUNT(DISTINCT(order\_id)) AS total\_orders from PIZZA\_SALES;

|  |
| --- |
| total\_orders |
| 21350 |

1. **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 |
| 2.32 |

1. **Daily Trends Of Orders**

SELECT TO\_CHAR(order\_date, 'Day')as order\_day, Count(distinct(order\_id))as Total\_orders

FROM PIZZA\_SALES

GROUP BY order\_day

ORDER BY Total\_orders DESC;

OUTPUT-

|  |  |
| --- | --- |
| order\_day | total\_orders |
| Friday | 3538 |
| Thursday | 3239 |
| Saturday | 3158 |
| Wednesday | 3024 |
| Tuesday | 2973 |
| Monday | 2794 |
| Sunday | 2624 |

1. **MONTHY TRENDS OF ORDER**

SELECT TO\_CHAR(order\_date, 'Month')as order\_month, COUNT(DISTINCT(order\_id))as Total\_monthly\_orders

FROM PIZZA\_SALES

GROUP BY order\_month

order by Total\_monthly\_orders DESC;

OUTPUT-

|  |  |
| --- | --- |
| order\_month | total\_monthly\_orders |
| July | 1935 |
| May | 1853 |
| January | 1845 |
| August | 1841 |
| March | 1840 |
| April | 1799 |
| November | 1792 |
| June | 1773 |
| February | 1685 |
| December | 1680 |
| September | 1661 |
| October | 1646 |

1. **TOTAL PERCENTAGE SALES ACCORDING TO CATEGORY**

SELECT pizza\_category,CAST(SUM(total\_price)AS DECIMAL (10, 2)) AS TOTAL\_SALES, CAST(SUM(total\_price)\*100/(SELECT SUM(total\_price) FROM PIZZA\_SALES WHERE EXTRACT( MONTH FROM order\_date) = 1) AS DECIMAL(10, 2)) AS TPS

FROM PIZZA\_SALES

WHERE EXTRACT( MONTH FROM order\_date)=1

GROUP BY pizza\_category;

OUTPUT-

|  |  |  |
| --- | --- | --- |
| pizza\_category | total\_sales | tps |
| Chicken | 16188.75 | 23.19528 |
| Classic | 18619.4 | 26.67792 |
| Supreme | 17929.75 | 25.68979 |
| Veggie | 17055.4 | 24.43702 |

1. **TOTAL PERCENTAGE SALES ACCORDING TO SIZE**

SELECT pizza\_size, CAST(SUM(total\_price)AS DECIMAL(10, 2))AS TOTAL\_SALES, CAST(SUM(total\_price)\*100/(SELECT SUM(total\_price) FROM PIZZA\_SALES WHERE EXTRACT( QUARTER FROM order\_date) = 2) AS DECIMAL(10, 2)) AS TPSS

FROM PIZZA\_SALES

WHERE EXTRACT( QUARTER FROM order\_date)=2

GROUP BY pizza\_size;

|  |  |  |
| --- | --- | --- |
| pizza\_size | total\_sales | tpss |
| L | 95087 | 45.63 |
| M | 64846.25 | 31.12 |
| S | 43828.95 | 21.03 |
| XL | 4284 | 2.06 |
| XXL | 323.55 | 0.16 |

1. **TOTAL PIZZA SOLD BY PIZZA CATEGORY**

SELECT pizza\_category, COUNT(DISTINCT order\_id) AS TOTAL\_SALES

FROM PIZZA\_SALES

GROUP BY pizza\_category

ORDER BY TOTAL\_SALES DESC;

OUTPUT-

|  |  |
| --- | --- |
| pizza\_category | total\_sales |
| Classic | 10859 |
| Supreme | 9085 |
| Veggie | 8941 |
| Chicken | 8536 |

1. **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;

OUTPUT-

|  |  |
| --- | --- |
| pizza\_name | total\_revenue |
| 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 |

1. **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;

OUTPUT-

|  |  |
| --- | --- |
| pizza\_name | total\_revenue |
| The Brie Carre Pizza | 11588.5 |
| The Green Garden Pizza | 13955.75 |
| The Spinach Supreme Pizza | 15277.75 |
| The Mediterranean Pizza | 15360.5 |
| The Spinach Pesto Pizza | 15596 |

1. **TOP 5 PIZZAS BY QUANTITY**

SELECT pizza\_name, SUM(quantity) AS TOTAL\_QUANTITY FROM PIZZA\_SALES

GROUP BY pizza\_name

ORDER BY TOTAL\_QUANTITY DESC

LIMIT 5;

OUTPUT-

|  |  |
| --- | --- |
| pizza\_name | total\_quantity |
| The Classic Deluxe Pizza | 2453 |
| The Barbecue Chicken Pizza | 2432 |
| The Hawaiian Pizza | 2422 |
| The Pepperoni Pizza | 2418 |
| The Thai Chicken Pizza | 2371 |

1. **BOTTOM 5 PIZZAS BY QUANTITY**

SELECT pizza\_name, SUM(quantity) AS TOTAL\_QUANTITY FROM PIZZA\_SALES

GROUP BY pizza\_name

ORDER BY TOTAL\_QUANTITY ASC

LIMIT 5;

OUTPUT-

|  |  |
| --- | --- |
| pizza\_name | total\_quantity |
| The Brie Carre Pizza | 490 |
| The Mediterranean Pizza | 934 |
| The Calabrese Pizza | 937 |
| The Spinach Supreme Pizza | 950 |
| The Soppressata Pizza | 961 |

1. **TOP 5 PIZZAS BY ORDER**

SELECT pizza\_name, COUNT(DISTINCT order\_id) AS TOTAL\_ORDER FROM PIZZA\_SALES

GROUP BY pizza\_name

ORDER BY TOTAL\_ORDER DESC

LIMIT 5;

OUTPUT-

|  |  |
| --- | --- |
| pizza\_name | total\_order |
| The Classic Deluxe Pizza | 2329 |
| The Hawaiian Pizza | 2280 |
| The Pepperoni Pizza | 2278 |
| The Barbecue Chicken Pizza | 2273 |
| The Thai Chicken Pizza | 2225 |

1. **BOTTOM 5 BY ORDER**

SELECT pizza\_name, COUNT(DISTINCT order\_id) AS TOTAL\_ORDER FROM PIZZA\_SALES

GROUP BY pizza\_name

ORDER BY TOTAL\_ORDER ASC

LIMIT 5;

OUTPUT-

|  |  |
| --- | --- |
| pizza\_name | total\_order |
| The Brie Carre Pizza | 480 |
| The Mediterranean Pizza | 912 |
| The Calabrese Pizza | 918 |
| The Spinach Supreme Pizza | 918 |
| The Chicken Pesto Pizza | 938 |