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| **Sr. No** | **Question** | **Query** | **Output in Postgres** |
| 1 | Total Revenue: The sum of the total price of all pizza or | SELECT  SUM(total\_price) AS total\_revenue  FROM pizza\_sale; |  |
| 2 | Average order value: the average amount spent per order, calculated by dividing the total revenue by the total number of of orders | SELECT SUM(total\_price) / COUNT(DISTINCT order\_id) AS avg\_order\_value  FROM pizza\_sale; |  |
| 3 | Total Pizzas sold | SELECT  SUM(quantity) AS total\_pizzas\_sold  FROM  pizza\_sale; |  |
| 4 | Total Orders : the total number of orders placed | SELECT  COUNT(DISTINCT order\_id) AS total\_orders |  |
| 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 average\_pizza\_per\_order  FROM  pizza\_sale; |  |
| 6 | Daily trend for total orders | SELECT  TO\_CHAR(order\_date, 'Day') AS order\_day,  COUNT(DISTINCT order\_id) AS total\_orders  FROM  pizza\_sale  GROUP BY  TO\_CHAR(order\_date, 'Day')  ORDER BY  MIN(EXTRACT(DOW FROM order\_date)); |  |
| 7 | Monthly trend for total orders | SELECT  TO\_CHAR(order\_date, 'FMMonth') AS order\_month,  COUNT(DISTINCT order\_id) AS total\_orders  FROM  pizza\_sale  GROUP BY  TO\_CHAR(order\_date, 'FMMonth')  ORDER BY  MIN(EXTRACT(MONTH FROM order\_date)); |  |
| 8 | Percentage of sales by pizza category | SELECT  pizza\_category,  SUM(total\_price) \* 100.0 / (SELECT SUM(total\_price) FROM pizza\_sale) AS pct  FROM  pizza\_sale  GROUP BY  pizza\_category  ORDER BY  pct DESC; |  |
| 9 | Percentage of sales by pizza size | SELECT  pizza\_size,  SUM(total\_price) AS total\_sale,  SUM(total\_price) \* 100.0 / (SELECT SUM(total\_price) FROM pizza\_sale) AS pct  FROM  pizza\_sale  GROUP BY  pizza\_size  ORDER BY  pct DESC; |  |
| 10 | Top 5 best sellers by revenue, total quantity, total orders | SELECT  pizza\_name,  SUM(total\_price) AS total\_revenue  FROM  pizza\_sale  GROUP BY  pizza\_name  ORDER BY  total\_revenue DESC  LIMIT 5; |  |
| 11 | bottom 5 best sellers by revenue, total quantity, total orders | SELECT  pizza\_name,  SUM(total\_price) AS total\_revenue  FROM  pizza\_sale  GROUP BY  pizza\_name  ORDER BY  total\_revenue ASC  LIMIT 5; |  |