STEP1- Import Table

**CREATE TABLE pizza\_sales(**

**pizza\_id int,**

**order\_id int,**

**pizza\_name\_id varchar(60),**

**quantity tinyint,**

**order\_date date,**

**order\_time time,**

**unit\_price float,**

**tota\_price float,**

**pizza\_size varchar(20),**

**pizza\_category varchar(60),**

**pizza\_ingredients varchar(255),**

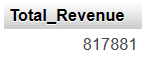
**pizza\_name varchar(100));**

**Import Values By Using Location:**

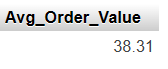
STEP2-FIND KPI’S

1. **Total Revenue:**

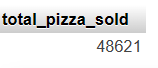
**SELECT ROUND(SUM(tota\_price)) as "Total\_Revenue"**

**FROM pizza\_sales;**

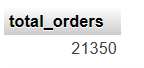
1. **Average Order Value**

**SELECT ROUND(SUM(tota\_price)/COUNT(DISTINCT order\_id),2) as "Avg\_Order\_Value" FROM pizza\_sales**

**3. Total Pizzas Sold**

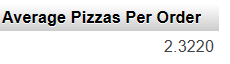
**SELECT COUNT(quantity) as "total\_pizza\_sold"**

**4. Total Orders**

**SELECT COUNT(DISTINCT order\_id) as "total\_orders" FROM**

**pizza\_sales**

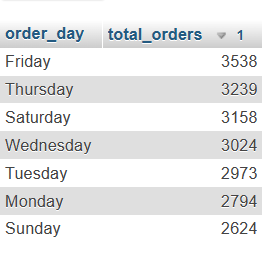
**5. Average Pizzas Per Order**

**SELECT SUM(quantity)/COUNT(DISTINCT order\_id) as "Average Pizzas Per Order"**

**FROM pizza\_sales**

STEP 3. FIND TREND

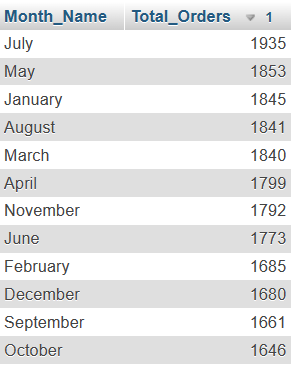
1. **Daily Trend for Total Orders**

**SELECT DAYNAME(order\_date) as 'order\_day', COUNT(DISTINCT order\_id) as "total\_orders"**

**FROM pizza\_sales**

**GROUP BY DAYNAME(order\_date)**

**ORDER BY total\_orders DESC**

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1. **Monthly Trend for Orders**

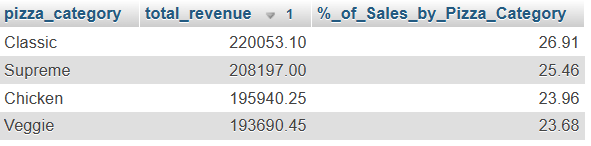
**select MONTHNAME( order\_date) as Month\_Name, COUNT(DISTINCT order\_id) as Total\_Orders**

**from pizza\_sales**

**GROUP BY Month\_Name**

**ORDER BY Total\_Orders DESC**

1. **% of Sales by Pizza Category**

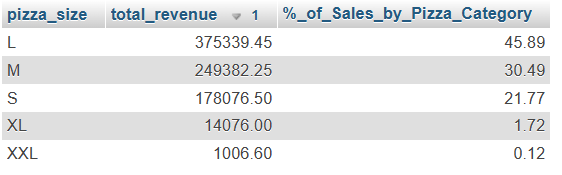
**SELECT pizza\_category, (ROUND(SUM(tota\_price),2)) as "total\_revenue", (ROUND(SUM(tota\_price)\*100 /(SELECT SUM(tota\_price) from pizza\_sales),2)) as '%\_of\_Sales\_by\_Pizza\_Category'**

**FROM pizza\_sales**

**GROUP BY pizza\_category**

**ORDER BY total\_revenue DESC**

1. **% of Sales by Pizza Size**

**SELECT pizza\_size, (ROUND(SUM(tota\_price),2)) as "total\_revenue", (ROUND(SUM(tota\_price)\*100 /(SELECT SUM(tota\_price) from pizza\_sales),2)) as '%\_of\_Sales\_by\_Pizza\_Category'**

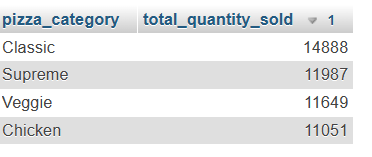
**FROM pizza\_sales**

**GROUP BY pizza\_size**

**ORDER BY total\_revenue DESC**

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

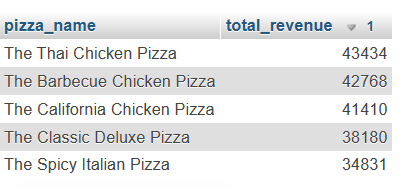
**SELECT pizza\_category,SUM(quantity) as 'total\_quantity\_sold'**

**FROM pizza\_sales**

**GROUP BY pizza\_category**

**ORDER BY total\_quantity\_sold DESC**

**6.Top 5 Pizzas by Revenue**

**SELECT pizza\_name, ROUND(SUM(tota\_price)) as "total\_revenue"**

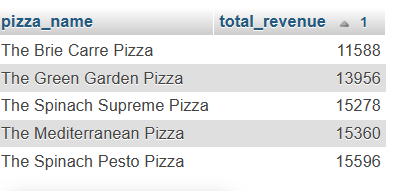
**FROM pizza\_sales**

**GROUP BY pizza\_name**

**ORDER BY total\_revenue DESC LIMIT 5**

**7.Bottom 5 Pizzas by Revenue**

**SELECT pizza\_name, ROUND(SUM(tota\_price)) as "total\_revenue"**

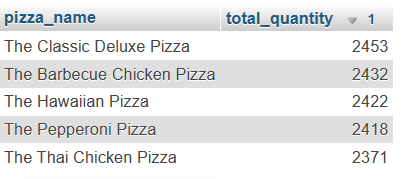
** FROM pizza\_sales**

**GROUP BY pizza\_name**

**ORDER BY total\_revenue LIMIT 5**

**8. Top 5 Pizzas by Quantity**

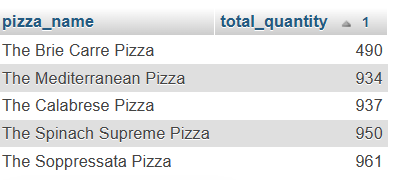
**SELECT pizza\_name, ROUND(SUM(quantity)) as "total\_quantity"**

**FROM pizza\_sales**

**GROUP BY pizza\_name**

**ORDER BY total\_quantity DESC LIMIT 5**

**9. Bottom 5 Pizzas by Quantity**

**SELECT pizza\_name, ROUND(SUM(quantity)) as "total\_quantity"**

**FROM pizza\_sales**

**GROUP BY pizza\_name**

**ORDER BY total\_quantity LIMIT 5**

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

**SELECT pizza\_name, COUNT(DISTINCT order\_id) as "total\_order"**

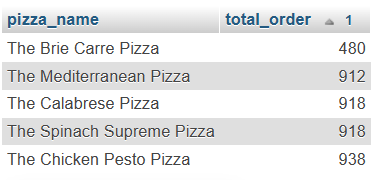
**FROM pizza\_sales**

**GROUP BY pizza\_name**

**ORDER BY total\_order DESC LIMIT 5**

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

**SELECT pizza\_name, COUNT(DISTINCT order\_id) as "total\_order"**

**FROM pizza\_sales**

**GROUP BY pizza\_name**

**ORDER BY total\_order LIMIT 5**

***NOTE***

**If you want to apply the pizza\_category or pizza\_size filters to the above queries you can use WHERE clause. Follow some of below examples**

**SELECT Top 5 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**