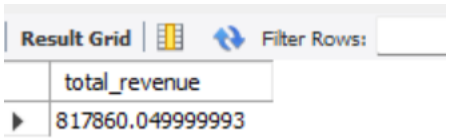
Sales SQL queries

A.) KPI's

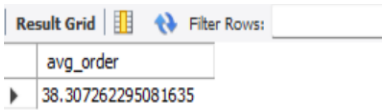
1.) Total Revenue:

```
SELECT sum(total_price) as total_revenue
FROM salesdb.pizza_sales
```



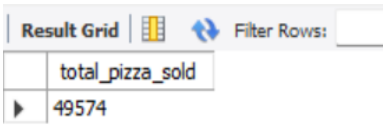
2.) Average no. of order:

```
SELECT sum(total_price)/count(distinct(order_id)) as avg_order
FROM salesdb.pizza_sales
```



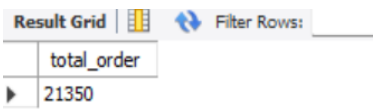
3.) Total Pizza Sold:

```
SELECT sum(quantity) as total_pizza_sold
FROM salesdb.pizza_sales
```



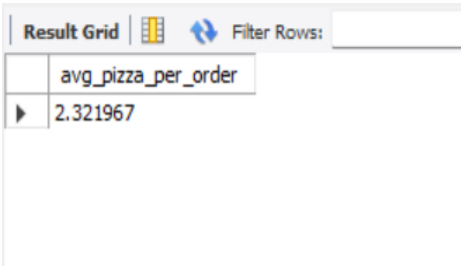
4.) Total order:

```
SELECT count(distinct(order_id)) as total_order
FROM salesdb.pizza_sales
```



5.) Average Pizza Per Order:

```
SELECT cast(sum(quantity) as Decimal(10,2))/cast(count(distinct(order_id)) as Decimal
(10,2)) as avg_pizza_per_order
FROM salesdb.pizza_sales
```



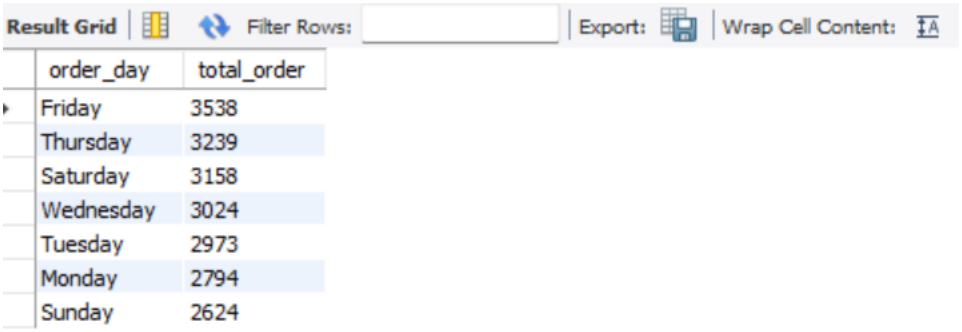
Result Grid | Filter Rows:

avg_pizza_per_order
2.321967

B.) CHART REQUIREMENTS

1.) Total orders by Days:

```
SELECT
   DAYNAME (order_date) AS order_day,
   COUNT (DISTINCT order_id) AS total_order
FROM
   salesdb.pizza_sales_excel_file
GROUP BY DAYNAME (order_date)
ORDER BY total_order DESC
```

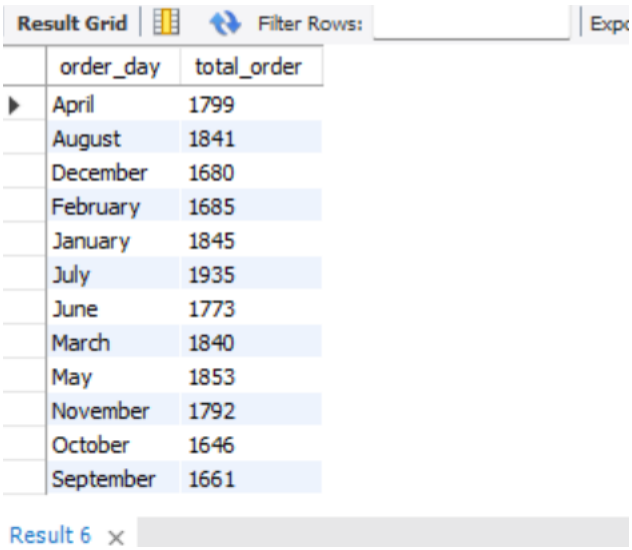


Result Grid | Filter Rows: | Export: | Wrap Cell Content:

order_day	total_order
Friday	3538
Thursday	3239
Saturday	3158
Wednesday	3024
Tuesday	2973
Monday	2794
Sunday	2624

2.) Total Order by Month:

```
SELECT
   MONTHNAME (order_date) AS order_day,
   COUNT (DISTINCT order_id) AS total_order
FROM
   salesdb.pizza_sales_excel_file
GROUP BY MONTHNAME (order_date)
```



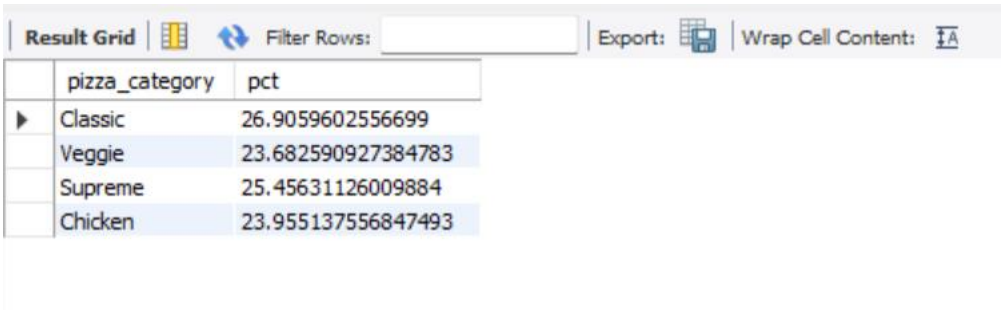
Result Grid | Filter Rows: | Exp

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

Result 6

3.) Percentage sales by pizza category:

```
SELECT pizza_category, sum(total_price) *100/ (SELECT (sum(total_price)) From
salesdb.pizza_sales) as Decimal(10,2)) as pct
From pizza_sales
Group By pizza_category
```



Result Grid | Filter Rows: | Export: | Wrap Cell Content:

pizza_category	pct
Classic	26.9059602556699
Veggie	23.682590927384783
Supreme	25.45631126009884
Chicken	23.955137556847493

4.) Percentage of sale by pizza size:

```
SELECT pizza_size, cast(sum(total_price) *100/ (SELECT (sum(total_price)) From
salesdb.pizza_sales) as Decimal(10,2)) as pct
From pizza_sales
Group By pizza_size
Order By pizza_size
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

pizza_size	pct
L	45.89
M	30.49
S	21.77
XL	1.72
XXL	0.12

5.) Top 5 best-selling pizza:

```
SELECT pizza_name, sum(total_price) as total_revenue
From salesdb.pizza_sales
GROUP BY pizza_name
ORDER BY total_revenue DESC
LIMIT 5
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

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

6.) Bottom 5 selling pizza:

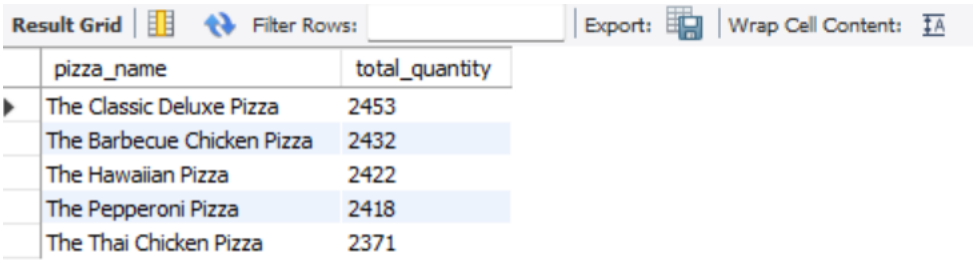
```
SELECT pizza_name, sum(total_price) as total_revenue
From salesdb.pizza_sales
GROUP BY pizza_name
ORDER BY total_revenue
LIMIT 5
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

pizza_name	total_revenue
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

7.) Top 5 best pizza selling by quantity:

```
SELECT pizza_name, sum(quantity) as total_quantity
From salesdb.pizza_sales
GROUP BY pizza_name
ORDER BY total_quantity DESC
LIMIT 5
```



Result Grid | Filter Rows: | Export: | Wrap Cell Content:

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