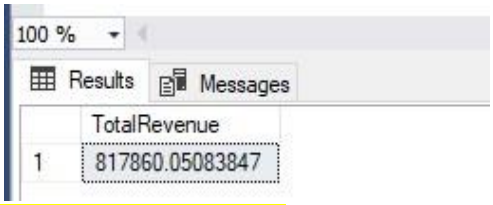
Pizza Sales SQL Queries

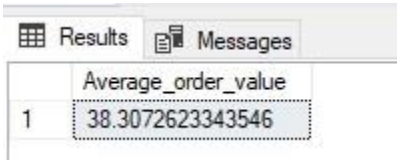
1. Total Revenue:

```
select sum(total_price) as TotalRevenue from pizza_sales;
```



2. Average Order Value:

```
select sum(total_price)/count(distinct order_id) as Average_order_value from
pizza_sales;
```

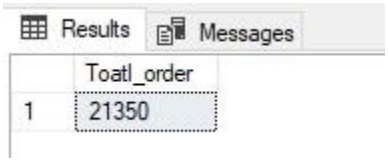


3. Toatl_Pizza_Sold:

```
select sum(total_price)/count(distinct order_id) as Average_order_value from
pizza_sales;
```

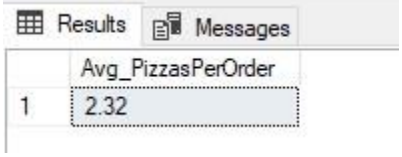
4. Total Order:

```
select sum(total_price)/count(distinct order_id) as Average_order_value from
pizza_sales;
```



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_PizzasPerOrder from pizza_sales;
```



6. Daily Trend for Total Order:

```
select DATENAME(DW,order_date) as Order_Day,count(distinct order_id) as
Total_Order from pizza_sales group by DATENAME(DW,order_date);
```

Results | Messages

	Order_Day	Total_Order
1	Saturday	3158
2	Wednesday	3024
3	Monday	2794
4	Sunday	2624
5	Friday	3538
6	Thursday	3239
7	Tuesday	2973

7. Monthly Trend for Oder:

```
select DATENAME(MONTH,order_date) as Month_Name ,count(distinct order_id) as
Total_Order from pizza_sales group by DATENAME(MONTH,order_date)
order by Total_Order desc;
```

Results | Messages

	Month_Name	Total_Order
1	July	1935
2	May	1853
3	January	1845
4	August	1841
5	March	1840
6	April	1799
7	November	1792
8	June	1773
9	February	1685
10	December	1680
11	September	1661
12	October	1646

8. Category_wise sales in Percentage:

```
select pizza_category, sum(total_price) * 100/ (select sum(total_price) from
pizza_sales) as Percentage_of_total_sales from pizza_sales group by
pizza_category;
```

Results | Messages

	pizza_category	Percentage_of_total_sales
1	Chicken	23.9551375322885
2	Supreme	25.4563112111462
3	Classic	26.9059602306976
4	Veggie	23.6825910258677

```
[For filtering: SELECT pizza_category,SUM(total_price) * 100 / (SELECT
SUM(total_price) FROM pizza_sales where MONTH(order_date)=1) AS
percentage_of_total_sales FROM pizza_sales
where MONTH(order_date)=1 GROUP BY pizza_category;]
```

Results | Messages

	pizza_category	percentage_of_total_sales
1	Chicken	23.1952780348435
2	Supreme	25.6897867985821
3	Classic	26.6779189176038
4	Veggie	24.4370162489706

9. Size_wise sales in Percentage:

```
select pizza_size, cast(sum(total_price) * 100/ (select sum(total_price) from
pizza_sales) as decimal(10,2)) as Percentage_of_total_sales from pizza_sales
group by  pizza_size order by Percentage_of_total_sales desc;
```

Results | Messages

	pizza_size	Percentage_of_total_sales
1	L	45.89
2	M	30.49
3	S	21.77
4	XL	1.72
5	XXL	0.12

10. Top 5 Pizza_Name 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;
```

Results | Messages

	pizza_name	Total_Revenue
1	The Thai Chicken Pizza	43434.25
2	The Barbecue Chicken Pizza	42768
3	The California Chicken Pizza	41409.5
4	The Classic Deluxe Pizza	38180.5
5	The Spicy Italian Pizza	34831.25

11. Bottom 5 Pizza_Name 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;
```

Results | Messages

	pizza_name	Total_Revenue
1	The Brie Carre Pizza	11588.4998130798
2	The Green Garden Pizza	13955.75
3	The Spinach Supreme Pizza	15277.75
4	The Mediterranean Pizza	15360.5
5	The Spinach Pesto Pizza	15596

12. Top 5 Pizza 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;
```

Results | Messages

	pizza_name	Total_Pizza_Sold
1	The Classic Deluxe Pizza	2453
2	The Barbecue Chicken Pizza	2432
3	The Hawaiian Pizza	2422
4	The Pepperoni Pizza	2418
5	The Thai Chicken Pizza	2371

13. Top 5 Ordered Pizza:

```
select TOP 5 pizza_name,count(distinct order_id) as Total_orders from
pizza_sales group by pizza_name order by Total_orders desc;
```

Results | Messages

	pizza_name	Total_orders
1	The Classic Deluxe Pizza	2329
2	The Hawaiian Pizza	2280
3	The Pepperoni Pizza	2278
4	The Barbecue Chicken Pizza	2273
5	The Thai Chicken Pizza	2225