

PIZZA SALES SQL QUIERIES

A.KPI'S

1.Total Revenue

```
select sum(total_price) as Total_Revenue from pizza_sales
```

output

	Total_Revenue
1	817860.05083847

2. Average Order Value

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

output

	Avg_Order_Value
1	38.3072623343546

3. Total Pizza Sold

```
select sum(quantity) as Total_Pizza_Sold from pizza_sales
```

	Total_Pizza_Sold
1	49574

4. Total Orders

```
select count(distinct order_id) as Total_Orders from  
pizza_sales
```

	Total_Orders
1	21350

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_Pizzas_Per_Order from pizza_sales
```

	Avg_Pizzas_Per_Order
1	2.32

B.DAILY TREND FOR TOTAL ORDERS

```
select datename(DW, order_date) as Order_Day,  
count(distinct order_id) as Total_Orders  
from pizza_sales  
group by datename(DW, order_date)
```

output

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

C.MONTHLY TREND FOR TOTAL ORDERS

```
select datename(month, order_date) as Month_Name,  
count(distinct order_id) as Total_Orders  
from pizza_sales  
group by datename(month, order_date)  
order by Total_Orders desc
```

output

	Month_Name	Total_Orders
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

D.% Of Sales By Pizza Category

```
select Pizza_Category, cast(sum(total_price) as
decimal(10,2)) as Total_Revenue,
cast(sum(total_price) * 100 / (select sum(total_price)
from pizza_sales) as decimal(10,2))as PCT
from pizza_sales
group by Pizza_Category
order by PCT desc
```

Output

	Pizza_Category	Total_Revenue	PCT
1	Classic	220053.10	26.91
2	Supreme	208197.00	25.46
3	Chicken	195919.50	23.96
4	Veggie	193690.45	23.68

(# here pct means percentage of total sale)

E.% Of Sales By Pizza Size

```
select Pizza_Size, cast(sum(total_price) as
decimal(10,2)) as Total_Revenue,
cast(sum(total_price) * 100 / (select sum(total_price)
from pizza_sales) as decimal(10,2))as PCT
from pizza_sales
group by Pizza_Size
order by PCT desc
```

Output

	Pizza_Size	Total_Revenue	PCT
1	L	375318.70	45.89
2	M	249382.25	30.49
3	S	178076.50	21.77
4	XL	14076.00	1.72
5	XXL	1006.60	0.12

F.Total Pizzas Sold By Category

```
select Pizza_Category, sum(quantity) as Total_Quantity_Sold
from pizza_sales
group by pizza_category
order by Total_Quantity_Sold desc
```

Output

	Pizza_Category	Total_Quantity_Sold
1	Classic	14888
2	Supreme	11987
3	Veggie	11649
4	Chicken	11050

G.Top 5 Pizzas 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
```

Output

	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

H.Bottom 5 Pizzas By Revenue

```
select top 5 Pizza_Name, sum(total_price) as Total_Revenue from
pizza_sales
group by pizza_name
order by Total_Revenue asc
```

Output

	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

I. Top 5 Pizzas By Quantity

```
select top 5 Pizza_Name, sum(quantity) as Total_Quantity from  
pizza_sales  
group by pizza_name  
order by Total_Quantity desc
```

Output

	Pizza_Name	Total_Quantity
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

J. Bottom 5 Pizzas By Quantity

```
select top 5 Pizza_Name, sum(quantity) as Total_Quantity from  
pizza_sales  
group by pizza_name  
order by Total_Quantity asc
```

Output

	Pizza_Name	Total_Quantity
1	The Brie Carre Pizza	490
2	The Mediterranean Pizza	934
3	The Calabrese Pizza	937
4	The Spinach Supreme Pizza	950
5	The Soppressata Pizza	961

K.Top 5 Pizzas By Total Order

```
select top 5 Pizza_Name, count(distinct order_id) as Total_Orders
from pizza_sales
group by pizza_name
order by Total_Orders desc
```

Output

	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

L.Bottom 5 Pizzas By Total Order

```
select top 5 Pizza_Name, count(distinct order_id) as Total_Orders
from pizza_sales
group by pizza_name
order by Total_Orders asc
```

Output

	Pizza_Name	Total_Orders
1	The Brie Carre Pizza	480
2	The Mediterranean Pizza	912
3	The Spinach Supreme Pizza	918
4	The Calabrese Pizza	918
5	The Chicken Pesto Pizza	938