PIZZA SALES SQL QUERY

KPI'S

1.Total Revenue

```
select sum(total_price) as Total_Revenue from pizza_sales1;
```

Results | Messages

	Total_Revenue
1	817860.049999993

2.Average Order Value

```
  select sum(total_price)/COUNT(distinct order_id) as Average_Order_Value from
pizza_sales1;
```

Results | Messages

	Average_Order_Value
1	38.3072622950816

3.Total pizza sold

```
select sum(quantity) from pizza_sales1
```

Results | Messages

	(No column name)
1	49574

4.Total orders

```
select COUNT(distinct order_id) as total_orders from pizza_sales1
```

Results | Messag

	total_orders
1	21350

5.Average Pizza Per Order

```
select sum(quantity) / COUNT(distinct order_id) from pizza_sales1
```

	(No column name)
1	2

Z mniejscami po przecinku:

```
select cast(sum(quantity) as decimal(10,2)) /
cast(count(distinct order_id) as decimal(10,2)) from pizza_sales1
```

Results | Messages

	(No column name)
1	2.3219672131147

```
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_sales1
```

Results | Messages

Avg_Pizzas_Per_Order
2.32

6.Daiy Trend /Orders per week day

```
select DATENAME(DW, order_date) as order_day ,
count(distinct order_id) as Total_Orders from pizza_sales2
group by DATENAME(DW, order_date)
```

Results | Messages

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

7.

```sql
select DATEPART(HOUR,order_time) AS order_hours,
count(distinct order_id) as Total_Orders from pizza_sales2
group by  DATEPART(HOUR,order_time)
ORDER BY DATEPART(HOUR,order_time) ASC
```

	order_hours	Total_Orders
1	9	1
2	10	8
3	11	1231
4	12	2520
5	13	2455
6	14	1472
7	15	1468
8	16	1920
9	17	2336
10	18	2399
11	19	2009
12	20	1642
13	21	1198
14	22	663
15	23	28

8.

```sql
SELECT  pizza_category,sum(total_price) as Total_Sales,
sum(total_price) * 100 /
(select sum(total_price) from pizza_sales2) as '%Total_Sales'
from pizza_sales2
group by pizza_category
```

%

Results | Messages

pizza_category	Total_Sales	%Total_Sales
Chicken	195919,5	23,9551375568475
Supreme	208196,999999998	25,4563112600988
Classic	220053,1	26,9059602556699
Veggie	193690,450000003	23,6825909273848

9.

```sql
select pizza_size, sum(total_price) as Total_Sales,
CAST(sum(total_price) *100/
(select sum(total_price) from pizza_sales2)AS DECIMAL(10,2))
as '%TotalSales'
from pizza_sales2
group by pizza_size
order by Total_Sales desc
```

esults | Messages

pizza_size	Total_Sales	%TotalSales
L	375318,700000009	45.89
M	249382,25	30.49
S	178076,499999998	21.77
XL	14076	1.72
XXL	1006,6	0.12

10.

```sql
select pizza_category, sum(quantity) AS Total_Pizzas_Sold, SUM(quantity)*100/
(Select sum(quantity) from pizza_sales2) AS '%' from pizza_sales2
group by pizza_category
```

) % | Results | Messages

pizza_category	Total_Pizzas_Sold	%
Chicken	11050	22
Supreme	11987	24
Classic	14888	30
Veggie	11649	23

11.

```sql
select top 5 pizza_name , sum(quantity) as Total_Sold from pizza_sales2
 group by pizza_name
 order by sum(quantity) desc
```

110 % | Results | Messages

	pizza_name	Total_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

12.

```sql
--worst selling
 select top 5 pizza_name , sum(quantity) as Total_Sold from pizza_sales2
group by pizza_name
order by sum(quantity)
```

10 %

Results | Messages

	pizza_name	Total_Sold
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