PIZZA SALES SQL QUERIES

KPI's

1.TOTAL REVENUE

select sum(total_price) as Total_Revenue from pizza_sales;

	total_revenue double precision 🔒
1	817860.0499999928

2. AVERAGE ORDER VALUE

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

	avg_order_value double precision 🔒
1	38.307262295081635

3.TOTAL PIZZAS SOLD

select sum(quantity) as Total_pizzas_sold from pizza_sales;

	total_pizzas_sold bigint 🔒
1	49574

4. TOTAL ORDERS

select count (distinct order_id) as Total_orders from pizza_sales;

	total_orders bigint 🔒
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_sold from pizza_sales;

	avg_pizzas_sold numeric (10,2) 🔒
1	2.32

6. DAILY TREND FOR TOTAL ORDERS

```sql
select to_char(order_date,'day') as order_day, count (distinct order_id) as total_orders from pizza_sales
group by to_char(order_date,'day');
```

	order_day text	total_orders bigint
1	friday	3538
2	monday	2794
3	saturday	3158
4	sunday	2624
5	thursday	3239
6	tuesday	2973
7	wednesday	3024

7. HOURLY TREND FOR ORDERS

```sql
select extract (hour from order_time) as order_hours, count (distinct order_id) as total_orders
from pizza_sales group by extract (hour from order_time)
order by extract (hour from order_time);
```

	order_hours numeric	total_orders bigint
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. % OF SALES BY PIZZA CATEGORY

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

	pizza_category character varying (50)	total_sales double precision	sales_percent double precision
1	Supreme	208196.99999999822	25.456311260098843
2	Chicken	195919.5	23.955137556847497
3	Veggie	193690.45000000298	23.682590927384787
4	Classic	220053.1000000001	26.905960255669903

9. % OF SALES FOR A PARTICULAR MONTH BY PIZZA CATEGORY

```sql
select pizza_category, sum(total_price) as total_sales,
sum(total_price) *100 / (select sum(total_price) from pizza_sales where
extract (month from order_date) =1)
as sales_percent
from pizza_sales where extract (month from order_date) = 1
group by pizza_category;
```

	pizza_category character varying (50)	total_sales double precision	sales_percent double precision
1	Chicken	16188.75	23.195278056776257
2	Classic	18619.4	26.67791894064334
3	Supreme	17929.749999999996	25.68978684200349
4	Veggie	17055.40000000002	24.43701616057708

10.% OF SALES BY PIZZA SIZE

```sql
select pizza_size, sum(total_price)  as total_sales,
sum(total_price) *100 / (select sum(total_price) from pizza_sales)
as sales_percent
from pizza_sales
group by pizza_size order by sales_percent;
```

	pizza_size character varying (50) 🔒	total_sales double precision 🔒	sales_percent double precision 🔒
1	XXL	1006.6000000000005	0.12307729176892908
2	XL	14076	1.7210768517181054
3	S	178076.49999999843	21.773468455880685
4	M	249382.25	30.492044451859726
5	L	375318.7000000087	45.89033294877431

11.% OF SALES FOR A QUARTER BY PIZZA SIZE

```sql
select pizza_size, sum(total_price) as total_sales,
sum(total_price) *100 / (select sum(total_price) from pizza_sales where
extract (quarter from order_date) =1)
as sales_percent
from pizza_sales where extract (quarter from order_date) =1
group by pizza_size order by sales_percent;
```

	pizza_size character varying (50) 🔒	total_sales double precision 🔒	sales_percent double precision 🔒
1	XXL	287.59999999999997	0.14005356708059374
2	XL	3289.5	1.601899196493787
3	S	45384.25000000009	22.100925249573883
4	M	61159	29.782809836863816
5	L	95229.64999999944	46.37431214998743

12.TOTAL PIZZAS SOLD BY PIZZA CATEGORY

select pizza_category, sum(quantity) as total_pizzas_sold from pizza_sales

group by pizza_category;

	pizza_category character varying (50)	total_pizzas_sold bigint
1	Supreme	11987
2	Chicken	11050
3	Veggie	11649
4	Classic	14888

13. TOP 5 BEST SELLERS BY TOTAL PIZZAS SOLD

select pizza_name, sum(quantity) as total_pizzas_sold from pizza_sales

group by pizza_name

order by total_pizzas_sold desc limit 5;

	pizza_name character varying (50)	total_pizzas_sold bigint
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

14.BOTTOM 5 BEST SELLERS BY TOTAL PIZZAS SOLD

select pizza_name, sum(quantity) as total_pizzas_sold from pizza_sales

group by pizza_name

order by total_pizzas_sold limit 5;

	pizza_name character varying (50) 🔒	total_pizzas_sold bigint 🔒
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