

PIZZA SALES QUERIES(P2)

Select * From Pizza_Sales;

	pizza_id [PK] integer	order_id integer	pizza_name_id character varying (100)	quantity integer	order_date date	order_time character varying (100)	unit_price numeric (10,2)	total_price numeric (10,2)	pizza_size character varying
1	1	1	hawaiian_m	1	2015-01-01	11:38:36	13.25	13.25	M
2	2	2	classic_dlx_m	1	2015-01-01	11:57:40	16.00	16.00	M
3	3	2	five_cheese_l	1	2015-01-01	11:57:40	18.50	18.50	L
4	4	2	ital_supr_l	1	2015-01-01	11:57:40	20.75	20.75	L
5	5	2	mexicana_m	1	2015-01-01	11:57:40	16.00	16.00	M
6	6	2	thai_ckn_l	1	2015-01-01	11:57:40	20.75	20.75	L
7	7	3	ital_supr_m	1	2015-01-01	12:12:28	16.50	16.50	M
8	8	3	prsc_argla_l	1	2015-01-01	12:12:28	20.75	20.75	L
9	9	4	ital_supr_m	1	2015-01-01	12:16:31	16.50	16.50	M
10	10	5	ital_supr_m	1	2015-01-01	12:21:30	16.50	16.50	M

Total rows: 48620 Query complete 00:00:01.376 CRLF Ln 2, Col 1

1.Total Revenue:

select sum(total_price) as total_revenue from pizza_sales;

	total_revenue numeric
1	817860.05

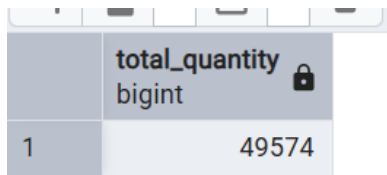
2.Average Order Value:

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

	avg_order_value numeric
1	38.3072622950819672

3.Total Pizza Sold:

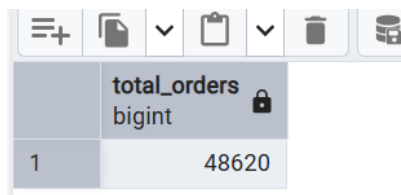
```
select sum(quantity) as total_quantity from pizza_sales;
```



	total_quantity bigint
1	49574

4.Total Orders:

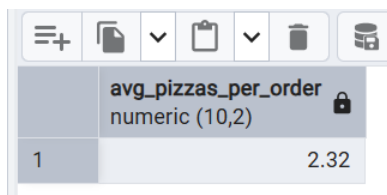
```
select count(order_id) as total_orders from pizza_sales;
```



	total_orders bigint
1	48620

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;
```

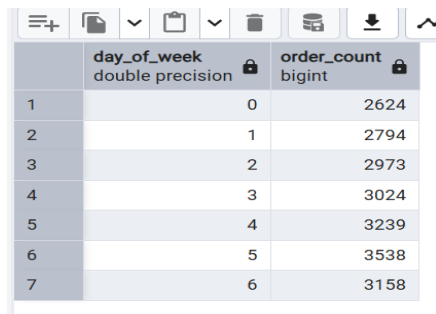


	avg_pizzas_per_order numeric (10,2)
1	2.32

1.Daily Trend For Total Orders:

```
select date_part('dow',order_date) as day_of_week,count(distinct order_id) as  
order_Count from pizza_sales
```

```
group by date_part('dow',order_date);
```



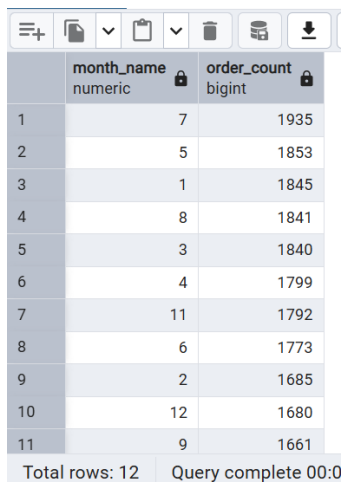
	day_of_week double precision	order_count bigint
1	0	2624
2	1	2794
3	2	2973
4	3	3024
5	4	3239
6	5	3538
7	6	3158

2.Monthly Trend For Total Orders:

```
select extract(month from order_date) as month_name,count(distinct order_id) as  
order_Count from pizza_sales
```

```
group by extract(month from order_date)
```

```
order by order_Count desc;
```



	month_name numeric	order_count bigint
1	7	1935
2	5	1853
3	1	1845
4	8	1841
5	3	1840
6	4	1799
7	11	1792
8	6	1773
9	2	1685
10	12	1680
11	9	1661

Total rows: 12 Query complete 00:0

3.Percentage Of Sales By Pizza Category:

```
select pizza_category,cast(sum(total_price) * 100 /
```

```
(select sum(total_price) from pizza_sales) as decimal(10,2)) as percentage_category
```

```
from pizza_sales
```

```
group by pizza_category;
```

	pizza_category character varying (50)	percentage_category numeric (10,2)
1	Supreme	25.46
2	Chicken	23.96
3	Veggie	23.68
4	Classic	26.91

4. Size Of Sales By Pizza Category:

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

	pizza_size character varying (50)	percentage_size numeric (10,2)
1	S	21.77
2	XXL	0.12
3	XL	1.72
4	M	30.49
5	L	45.89

5.Total Pizza Sold By Pizza Category:

```
select pizza_category, sum(quantity)
from pizza_sales
group by pizza_category
order by sum(quantity) desc;
```

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

6A.Top 5 Best Sellers By Revenue, Total Quantity & Total Orders:

```
select pizza_name,sum(total_price) as total_revenue
```

```
from pizza_sales
```

```
group by pizza_name
```

```
order by total_revenue desc
```

```
limit 5;
```

	pizza_name character varying (50)	total_revenue numeric
1	The Thai Chicken Pizza	43434.25
2	The Barbecue Chicken Pizza	42768.00
3	The California Chicken Pizza	41409.50
4	The Classic Deluxe Pizza	38180.50
5	The Spicy Italian Pizza	34831.25

6B.Top 5 Best Sellers By Revenue, Total Quantity & Total Orders:

```
select pizza_name,sum(quantity) as total_quantity
```

```
from pizza_sales
```

```
group by pizza_name
```

```
order by total_quantity desc
```

```
limit 5;
```

	pizza_name character varying (50)	total_quantity 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

6C. Top 5 Best Sellers By Revenue, Total Quantity & Total Orders:

```

select pizza_name,count(distinct order_id) as total_orders
from pizza_sales
group by pizza_name
order by total_orders desc
limit 5;

```

	pizza_name character varying (50)	total_orders bigint
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

7A.Bottom 5 Worst Sellers By Revenue, Total Quantity & Total Orders:

```

select pizza_name,sum(total_price) as total_revenue
from pizza_sales
group by pizza_name
order by total_revenue asc
limit 5;

```

	pizza_name character varying (50)	total_revenue numeric
1	The Brie Carre Pizza	11588.50
2	The Green Garden Pizza	13955.75
3	The Spinach Supreme Pizza	15277.75
4	The Mediterranean Pizza	15360.50
5	The Spinach Pesto Pizza	15596.00

7B.Bottom 5 Worst Sellers By Revenue, Total Quantity & Total Orders:

```

select pizza_name,sum(quantity) as total_quantity

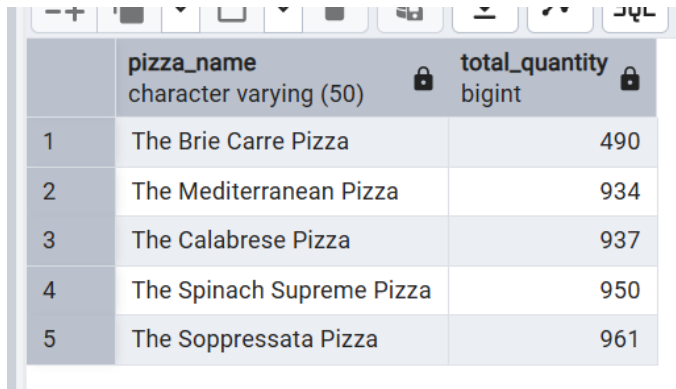
```

from pizza_sales

group by pizza_name

order by total_quantity asc

limit 5;



	pizza_name character varying (50)	total_quantity 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

7C.Bottom 5 Worst Sellers By Revenue, Total Quantity & Total Orders:

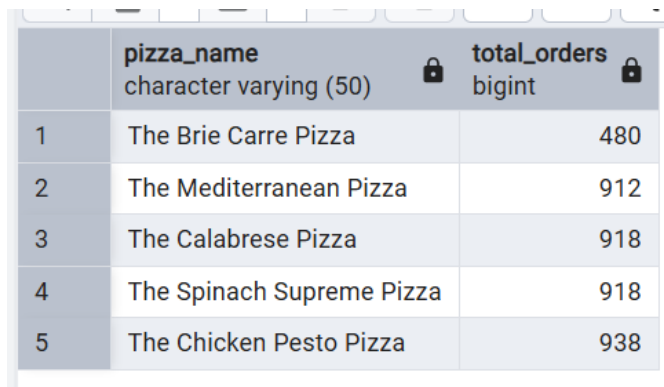
select pizza_name,count(distinct order_id) as total_orders

from pizza_sales

group by pizza_name

order by total_orders asc

limit 5;



	pizza_name character varying (50)	total_orders bigint
1	The Brie Carre Pizza	480
2	The Mediterranean Pizza	912
3	The Calabrese Pizza	918
4	The Spinach Supreme Pizza	918
5	The Chicken Pesto Pizza	938

DATA INSIGHTS :

- 38 Rupees Is The Avg Order Value.
- > 2 Is The Avg Pizza Per Order .

- Tuesday & Friday are the days With The higher Order For Pizza.
- May & July Are The Month With Higher Order Fo pizza .
- Classic Pizza Category has little bit high percentage . But mostly Same.
- Large & Medium are the Higher Size With Pizza Orders.
- Pizzas Thai Chicken Pizza,
Berbecue Chicken Pizza,
California Chicken Pizza,
Classic Deluxe Pizza &
Spicy Italic Pizza,
This are Top 5 Performing pizzas.
Classic Deluxe Pizza is Top at Quantity & Orders
The Thai Chicken Pizza is the Top Revenue Generating pizza.
- The Brie Carre Pizza is the least Revenue, quantity & Orders Generating Pizza.
There is no dimand for it, so we can stop selling it.
Invest in the Most selling Pizza.