PIZZA SALES

SQL PROJECT

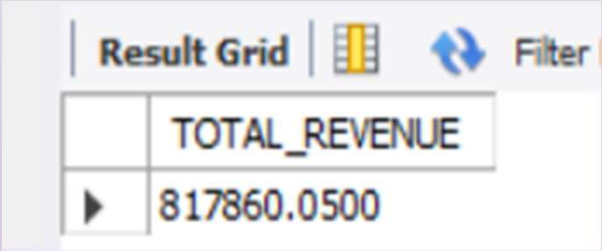
OVERVIEW

At PIZZA SALES, we need to examine the dataset with SQL and help the PIZZA SALES Store to understand its business growth by answering few questions below

QUESTION NO. 1

WHAT IS THE TOTAL REVENUE OF PIZZA SALES?

```
SELECT SUM(TOTAL_PRICE) AS TOTAL_REVENUE FROM PIZZA;
```



QUESTION NO. 2

WHAT IS AVERAGE ORDER VALUE OF PIZZA SALES?

```
SELECT (SUM(TOTAL_PRICE)/COUNT(DISTINCT ORDER_ID)) AS AVERAGE_ORDER_VALUE FROM PIZZA;
```

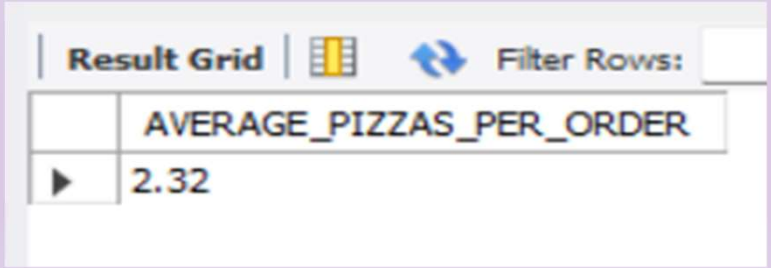
Result Grid | Filter Rows:

AVERAGE_ORDER_VALUE
38.30726230

QUESTION NO. 3

WHAT IS AVERAGE PIZZA PER ORDER OF PIZZA SALES?

```
SELECT CAST(CAST(SUM(QUANTITY) AS DECIMAL(10,2)) / CAST(COUNT(DISTINCT ORDER_ID) AS DECIMAL(10,2)) AS DECIMAL(10,2))
AS AVERAGE_PIZZAS_PER_ORDER FROM PIZZA;
```



QUESTION NO. 4

WHAT IS DAILY TREND FOR TOTAL ORDER OF PIZZA SALES?

```
ALTER TABLE PIZZA
ADD COLUMN DAY_NEW INT;
UPDATE PIZZA
SET DAY_NEW = day(ORDER_DATE);
SELECT PIZZA_NAME, PIZZA_CATEGORY, PIZZA_SIZE, SUM(QUANTITY) AS TOTAL_ORDERS , MAX(DISTINCT DAY_NEW) AS DAILY_TREND FROM PIZZA
GROUP BY PIZZA_NAME, PIZZA_CATEGORY, PIZZA_SIZE ORDER BY TOTAL_ORDERS, DAILY_TREND;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

PIZZA_NAME	PIZZA_CATEGORY	PIZZA_SIZE	TOTAL_ORDERS	DAILY_TREND
The Pepperoni Mushroom and Peppers Pizza	Classic	L	1	1
The Pepperoni Mushroom and Peppers Pizza	Classic	L	1	1
The Pepperoni Mushroom and Peppers Pizza	Classic	S	1	3
The Greek Pizza	Classic	XXL	28	31
The Green Garden Pizza	Veggie	L	95	31
The Chicken Alfredo Pizza	Chicken	S	96	31
The Calabrese Pizza	Supreme	S	99	30
The Mexicana Pizza	Veggie	S	162	31
The Chicken Alfredo Pizza	Chicken	L	188	31
The Italian Vegetables Pizza	Veggie	L	190	31
The Italian Supreme Pizza	Supreme	S	196	31

QUESTION NO. 5

WHAT IS PERCENTAGE OF SALES BY PIZZA CATEGORY?

```
SELECT (SUM(TOTAL_PRICE)/(SELECT SUM(TOTAL_PRICE) FROM PIZZA) * 100) AS PERCENTAGE_OF_SALES, PIZZA_CATEGORY FROM PIZZA GROUP BY PIZZA_CATEGORY;
```

Result Grid | Filter Rows:

PERCENTAGE_OF_SALES	PIZZA_CATEGORY
26.90596026	Classic
23.68259093	Veggie
25.45631126	Supreme
23.95513756	Chicken

QUESTION NO. 6

WHAT ARE TOTAL PIZZAS SOLD BY PIZZA CATEGORY?

```
SELECT PIZZA_CATEGORY, SUM(QUANTITY) AS TOTAL_QUANTITY_SOLD FROM PIZZA WHERE MONTH(ORDER_DATE) = 2 GROUP BY PIZZA_CATEGORY ORDER BY TOTAL_QUANTITY_SOLD DESC;
```

Result Grid | Filter Rows:

PIZZA_CATEGORY	TOTAL_QUANTITY_SOLD
Classic	1178
Supreme	964
Veggie	944
Chicken	875

QUESTION NO. 7

WHAT ARE THE TOP 5 PIZZAS BY REVENUE?

```
SELECT PIZZA_NAME, SUM(TOTAL_PRICE) AS REVENUE FROM PIZZA GROUP BY PIZZA_NAME ORDER BY REVENUE LIMIT 5;
```

Result Grid | Filter Rows: | Export:

PIZZA_NAME	REVENUE
The Pepperoni Mushroom and Peppers Pizza	17.5000
The Pepperoni Mushroom and Peppers Pizza	28.5000
The Brie Carre Pizza	11588.5000
The Green Garden Pizza	13955.7500
The Spinach Supreme Pizza	15277.7500

QUESTION NO. 8

WHAT ARE TOP 5 PIZZAS BY QUANTITY?

```
SELECT PIZZA_NAME, SUM(TOTAL_PRICE) AS TOTAL_PIZZAS_SOLD FROM PIZZA GROUP BY PIZZA_NAME ORDER BY TOTAL_PIZZAS_SOLD DESC LIMIT 5;
```

Result Grid | Filter Rows:

PIZZA_NAME	QUANTITY
The Classic Deluxe Pizza	2453
The Barbecue Chicken Pizza	2432
The Hawaiian Pizza	2422
The Pepperoni Pizza	2418
The Thai Chicken Pizza	2371

QUESTION NO. 9

WHAT ARE BOTTOM 5 PIZZAS BY TOTAL ORDERS?

```
SELECT PIZZA_NAME, COUNT(DISTINCT ORDER_ID) AS TOTAL_ORDERS FROM PIZZA GROUP BY PIZZA_NAME ORDER BY TOTAL_ORDERS ASC LIMIT 5;
```

Result Grid | Filter Rows: | Export:

PIZZA_NAME	TOTAL_ORDERS
The Pepperoni Mushroom and Peppers Pizza	1
The Pepperoni Mushroom and Peppers Pizza	2
The Brie Carre Pizza	480
The Mediterranean Pizza	912
The Calabrese Pizza	918

SUMMARY

At last I'll summarize the key insights and give data-driven recommendations that can potentially increase the store's revenue

THANK YOU

JAIMIN SHAH