PIZZA SALES SQL QUERIES

1. TOTAL REVENUE

create view Total_revenue as select sum(total_price) as "TOTAL REVENUE" from pizza_sales;

select * from Total_revenue;

	TOTAL REVENUE
1	817860.05083847

2. AVERAGE ORDER VALUE

create view Average_order_value as select sum(total_price)/ count(distinct(order_id)) as "AVERAGE ORDER VALUE" from pizza_sales;
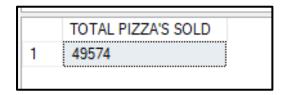
select * from Average_order_value;

	AVERAGE ORDER VALUE
1	38.3072623343546

 3. TOTAL PIZZA'S SOLD

create view Total_pizzas_sold as select sum(quantity) as "TOTAL PIZZA'S SOLD" from pizza_sales;

select * from Total_pizzas_sold;
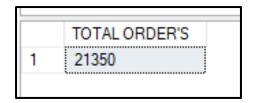
	TOTAL PIZZA'S SOLD
1	49574

4. TOTAL ORDER'S

create view Total_orders as select count(distinct(order_id)) as "TOTAL ORDER'S" from pizza_sales;
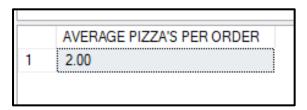
select * from Total_orders;

	TOTAL ORDER'S
1	21350

5. AVERAGE PIZZA'S PER ORDER

create view Average_pizza_per_order as select cast(sum(quantity)/ count(distinct(order_id)) as decimal(10,2)) as "AVERAGE PIZZA'S PER ORDER" from pizza_sales;

select * from Average_pizza_per_order;

	AVERAGE PIZZA'S PER ORDER
1	2.00

6. DAILY TREND OF ORDERS

create view daily_trends_of_orders as select datename(DW,order_date) as "DAY", count(distinct(order_id)) AS "TOTAL ORDERS" from pizza_sales group by datename(DW,order_date);

select * from daily_trends_of_orders;

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

7. MONTHLY TRENDS OF ORDERS

create view Monthly_trends_of_orders as Select datename(MONTH,order_date) as "MONTH NAME", count(distinct(order_id)) AS TOTAL_ORDERS from pizza_sales group by datename(MONTH,order_date);

select * from Monthly_trends_of_orders;

	MONTH NAME	TOTAL_ORDERS
1	February	1685
2	June	1773
3	August	1841
4	April	1799
5	May	1853
6	December	1680
7	January	1845
8	September	1661
9	October	1646
10	July	1935
11	November	1792
12	March	1840

8. PERCENTAGE OF SALES BY PIZZA CATEGORY

create view pct_by_pizza_category as select pizza_category, cast(sum(total_price) as decimal(10,2)) as "TOTAL SALES" , cast(sum(total_price) * 100 /(select sum(total_price) from pizza_sales) as decimal(10,2)) as "PERCENTAGE OF SALES"

from pizza_sales group by pizza_category;select * from pct_by_pizza_category;

	pizza_category	TOTAL SALES	PERCENTAGE OF SALES
1	Classic	220053.10	26.91
2	Chicken	195919.50	23.96
3	Veggie	193690.45	23.68
4	Supreme	208197.00	25.46

9. PERCENTAGE OF SALES BY PIZZA SIZE

create view pct_by_pizza_size as select pizza_size, cast(sum(total_price) as decimal(10,2)) as "TOTAL SALES" , cast(sum(total_price) * 100 /(select sum(total_price) from pizza_sales) as decimal(10,2)) as "PERCENTAGE OF SALES"

from pizza_sales group by pizza_size;

select * from pct_by_pizza_size;

	pizza_size	TOTAL SALES	PERCENTAGE OF SALES
1	L	375318.70	45.89
2	XXL	1006.60	0.12
3	M	249382.25	30.49
4	XL	14076.00	1.72
5	S	178076.50	21.77

10. TOP 5 PIZZA'S BY REVENUE

create view top_5_pizzas_by_revenue as select TOP 5 pizza_name, cast(sum(total_price) as decimal(10,2)) as TOTAL_REVENUE from pizza_sales group by pizza_name order by TOTAL_REVENUE DESC;

select * from top_5_pizzas_by_revenue;

	pizza_name	TOTAL_REVENUE
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

11. BOTTOM 5 PIZZA'S BY REVENUE

create view Bottom_5_pizzas_by_revenue as select TOP 5 pizza_name, cast(sum(total_price) as decimal(10,2)) as TOTAL_REVENUE from pizza_sales group by pizza_name order by TOTAL_REVENUE;

select * from Bottom_5_pizzas_by_revenue;

	pizza_name	TOTAL_REVENUE
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

12. TOP 5 PIZZA'S BY QUANTITY

create view top_5_pizzas_by_Quantity as select TOP 5 pizza_name, sum(quantity) As TOTAL_QUANTITY from pizza_sales group by pizza_name order by TOTAL_QUANTITY desc;

select * from top_5_pizzas_by_Quantity;

	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

13. BOTTOM 5 PIZZA'S BY QUANTITY

create view Bottom_5_pizzas_by_Quantity as select TOP 5 pizza_name, sum(quantity) As TOTAL_QUANTITY from pizza_sales group by pizza_name order by TOTAL_QUANTITY;

select * from Bottom_5_pizzas_by_Quantity;

	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

14. TOP 5 PIZZA'S BY COUNT OF ORDERS

create view top_5_pizzas_by_orders as select TOP 5 pizza_name,count(distinct(order_id)) As TOTAL_ORDERS from pizza_sales group by pizza_name order by TOTAL_ORDERS desc;

select * from top_5_pizzas_by_orders;

	pizza_name	TOTAL_ORDERS
1	The Classic Deluxe Pizza	2329
2	The Hawaiian Pizza	2280
3	The Pepperoni Pizza	2278
4	The Barbecue Chicken...	2273
5	The Thai Chicken Pizza	2225

15. BOTTOM 5 PIZZA'S BY COUNT OF ORDERS

create view Bottom_5_pizzas_by_orders as select TOP 5
pizza_name,count(distinct(order_id)) As TOTAL_ORDERS from
pizza_sales group by pizza_name order by TOTAL_ORDERS;

select * from Bottom_5_pizzas_by_orders;

	pizza_name	TOTAL_ORDERS
1	The Brie Carre Pizza	480
2	The Mediterranean Pizza	912
3	The Spinach Supreme ...	918
4	The Calabrese Pizza	918
5	The Chicken Pesto Pizza	938