PIZZA SALES REPORT, SQL QUERIES

1) SQL query for total revenue, total orders, average order value, and average pizza per order.

```
SELECT
CAST(SUM(total_price) AS decimal(10,2)) AS TOTAL_REVENUE,
COUNT(DISTINCT order_id) AS TOTAL_ORDERS,
SUM(quantity) AS TOTAL_PIZZA_SOLD,
CAST(CAST(SUM(total_price) AS decimal(10,2))/COUNT(DISTINCT order_id) AS DECIMAL(10,2)) AS AVG_ORDER_VALUE,
CAST(CAST(SUM(quantity) AS decimal(10,2))/COUNT(DISTINCT order_id) AS decimal(10,2)) AS AVG_PIZZA_PER_ORDER
FROM pizza_sales
```

145 %

Results | Messages

	TOTAL_REVENUE	TOTAL_ORDERS	TOTAL_PIZZA_SOLD	AVG_ORDER_VALUE	AVG_PIZZA_PER_ORDER
1	817860.05	21350	49574	38.31	2.32

2) Daily total orders

```
SELECT
DATENAME(DW,order_date) AS ORDER_DAY,
COUNT(DISTINCT order_id) AS TOTAL_ORDERS
FROM pizza_sales
GROUP BY DATENAME(DW,order_date)
ORDER BY TOTAL_ORDERS DESC
```

145 %

Results | Messages

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

3) Monthly total orders

```
SELECT
DATENAME(MONTH, order_date) AS ORDER_MONTH,
COUNT(DISTINCT order_id) AS TOTAL_ORDERS
FROM pizza_sales
GROUP BY DATENAME(MONTH,order_date)
ORDER BY TOTAL_ORDERS DESC
```

145 %

Results | Messages

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

4) Pizza categories with total revenue

```
SELECT
pizza_category,
CAST(SUM(total_price) AS decimal(10,2)) AS TOTAL_REVENUE,
CAST(CAST(100*SUM(total_price) AS decimal(10,2))/(SELECT SUM(total_price) FROM pizza_sales)
AS decimal(10,2)) AS '% OF REVENUE'
FROM pizza_sales
GROUP BY pizza_category
ORDER BY '% OF REVENUE' DESC
```

145 %

Results | Messages

	pizza_category	TOTAL_REVENUE	% OF REVENUE
1	Classic	220053.10	26.91
2	Supreme	208197.00	25.46
3	Chicken	195919.50	23.96
4	Veggie	193690.45	23.68

5) Pizza sizes with total revenue

```
SELECT
pizza_size,
CAST(SUM(total_price) AS decimal(10,2)) AS TOTAL_REVENUE,
CAST(CAST(100*SUM(total_price) AS decimal(10,2))/(SELECT SUM(total_price) FROM pizza_sales)
AS decimal(10,2)) AS '% OF REVENUE'
FROM pizza_sales
GROUP BY pizza_size
ORDER BY '% OF REVENUE' DESC
```

145 %

Results | Messages

	pizza_size	TOTAL_REVENUE	% OF REVENUE
1	L	375318.70	45.89
2	M	249382.25	30.49
3	S	178076.50	21.77
4	XL	14076.00	1.72
5	XXL	1006.60	0.12

6) Pizza categories with total pizza sold

```
SELECT
pizza_category,
SUM(quantity) AS 'Total Pizza Sold'
FROM pizza_sales
GROUP BY pizza_category
ORDER BY 'Total Pizza Sold' DESC
```

145 %

Results | Messages

	pizza_category	Total Pizza Sold
1	Classic	14888
2	Supreme	11987
3	Veggie	11649
4	Chicken	11050

7) Top 5 pizza preferred with total revenue

```
SELECT
TOP 5
pizza_name,
SUM(total_price) AS TOTAL_REVENUE
FROM pizza_sales
GROUP BY pizza_name
ORDER BY TOTAL_REVENUE DESC
```

145 %

Results | Messages

	pizza_name	TOTAL_REVENUE
1	The Thai Chicken Pizza	43434,25
2	The Barbecue Chicken Pizza	42768
3	The California Chicken Pizza	41409,5
4	The Classic Deluxe Pizza	38180,5
5	The Spicy Italian Pizza	34831,25

8) 5 Least selected pizza with total revenue

```
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 ASC
```

45 %

Results | Messages

	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

9) Top 5 pizza preferred with total orders

```
SELECT
TOP 5
pizza_name,
COUNT(DISTINCT order_id) AS TOTAL_ORDERS
FROM pizza_sales
GROUP BY pizza_name
ORDER BY TOTAL_ORDERS DESC
```

145 %

Results | Messages

	pizza_name	TOTAL_ORDERS
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

10) 5 Least selected pizza with total orders

```
SELECT
TOP 5
pizza_name,
COUNT(DISTINCT order_id) AS TOTAL_ORDERS
FROM pizza_sales
GROUP BY pizza_name
ORDER BY TOTAL_ORDERS ASC
```

145 %

Results | Messages

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

11) Top 5 pizza with quantities

```
SELECT
TOP 5
pizza_name,
SUM(quantity) AS 'Total Pizza Sold'
FROM pizza_sales
GROUP BY pizza_name
ORDER BY 'Total Pizza Sold' DESC
```

145 %

Results | Messages

	pizza_name	Total Pizza 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) Bottom 5 pizza with quantities

```
SELECT
TOP 5
pizza_name,
SUM(quantity) AS 'Total Pizza Sold'
FROM pizza_sales
GROUP BY pizza_name
ORDER BY 'Total Pizza Sold' ASC
```

45 %

Results | Messages

	pizza_name	Total Pizza 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