SQL CODES

KPI’S

1.SELECT SUM(QUANTITY\*UNIT\_PRICE) AS REVENUE FROM PIZZA\_SALES



2. SELECT SUM(TOTAL\_PRICE) / COUNT(DISTINCT ORDER\_ID) AS AVERAGE\_TOTAL\_PRICE FROM PIZZA\_SALES



3. SELECT SUM(QUANTITY) AS TOTAL\_QUANTITY FROM pizza\_sales



4. SELECT COUNT(DISTINCT ORDER\_ID ) AS TOTAL\_ORDERS FROM PIZZA\_SALES

A close up of a receipt

Description automatically generated

5. SELECT CAST(CAST(SUM(QUANTITY) AS DECIMAL(10,2)) / CAST(COUNT(DISTINCT ORDER\_ID ) AS DECIMAL(10,2)) AS DECIMAL(10,2)) AS [AVERAGE TOTAL ORDERS] FROM pizza\_sales

A rectangular rectangle with black text

Description automatically generated

6. select datename(DW,order\_DATE) AS ORDER\_DAY, COUNT(DISTINCT ORDER\_ID) AS TOTAL\_ORDERS FROM PIZZA\_SALES GROUP BY DATENAME ( DW,ORDER\_DATE)

A screenshot of a data

Description automatically generated

NOTE: DW refers to the day of the week, and datename just characterizes that date.

7. SELECT DATENAME (MONTH, ORDER\_DATE) AS MONTH\_NAME, COUNT (DISTINCT ORDER\_ID) AS TOTAL\_ORDERS FROM PIZZA\_SALES GROUP BY DATENAME (MONTH, ORDER\_DATE)

A screenshot of a table

Description automatically generated

8. SELECT DATENAME(HOUR, ORDER\_TIME) AS HOUR\_NAME, COUNT(DISTINCT ORDER\_ID) AS TOTAL\_ORDERS FROM PIZZA\_SALES GROUP BY DATENAME(HOUR,ORDER\_TIME)

A screenshot of a table

Description automatically generated

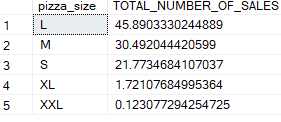
9.SELECT PIZZA\_CATEGORY, SUM(TOTAL\_PRICE)\* 100 / (SELECT SUM(TOTAL\_PRICE) FROM PIZZA\_SALES) AS TOTAL\_NUMBER\_OF\_SALES FROM PIZZA\_SALES GROUP BY PIZZA\_CATEGORY ORDER BY TOTAL\_NUMBER\_OF\_SALES DESC

A screenshot of a computer

Description automatically generated

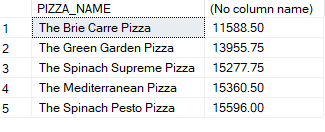
10. SELECT pizza\_size, SUM(TOTAL\_PRICE)\* 100 / (SELECT SUM(TOTAL\_PRICE) FROM PIZZA\_SALES) AS TOTAL\_NUMBER\_OF\_SALES FROM PIZZA\_SALES

GROUP BY PIZZA\_SIZE ORDER BY TOTAL\_NUMBER\_OF\_SALES DESC



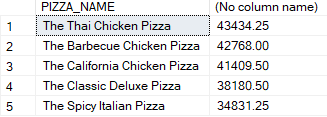
11.BOTTOM 5 PIZZAS BY TOTAL PRICE

SELECT TOP 5 PIZZA\_NAME , CAST(SUM(TOTAL\_PRICE) AS DECIMAL(10,2)) FROM PIZZA\_SALES AS TOTAL\_REVENUE GROUP BY PIZZA\_NAME ORDER BY SUM(TOTAL\_PRICE)



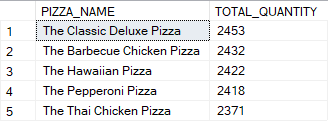
12. TOP 5 PIZZAS BY TOTAL PRICE

SELECT TOP 5 PIZZA\_NAME, CAST(SUM(TOTAL\_PRICE) AS DECIMAL(10,2)) FROM PIZZA\_SALES AS TOTAL\_REVENUE GROUP BY PIZZA\_NAME ORDER BY SUM(TOTAL\_PRICE)DESC



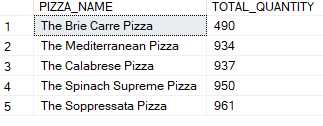
13. TOP 5 PIZZAS BY QUANTITY

SELECT TOP 5 PIZZA\_NAME, SUM(QUANTITY) AS TOTAL\_QUANTITY FROM PIZZA\_SALES GROUP BY PIZZA\_NAME ORDER BY SUM(QUANTITY)DESC



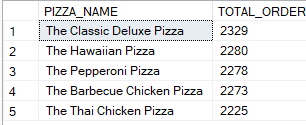
14. BOTTOM 5 PIZZAS BY QUANTITY

SELECT TOP 5 PIZZA\_NAME, SUM(QUANTITY) AS TOTAL\_QUANTITY FROM PIZZA\_SALES GROUP BY PIZZA\_NAME ORDER BY SUM(QUANTITY)ASC



15. TOP 5 PIZZAS BY TOTAL ORDER

SELECT TOP 5 PIZZA\_NAME, COUNT(DISTINCT ORDER\_ID) AS TOTAL\_ORDER FROM PIZZA\_SALES GROUP BY PIZZA\_NAME ORDER BY COUNT(DISTINCT ORDER\_ID)DESC



16. BOTTOM 5 PIZZAS BY TOTAL\_ORDER

SELECT TOP 5 PIZZA\_NAME, COUNT(DISTINCT ORDER\_ID) AS TOTAL\_ORDER FROM PIZZA\_SALES GROUP BY PIZZA\_NAME ORDER BY COUNT(DISTINCT ORDER\_ID)