## **PIZZA SALES PROJECT**

## **SQL QUERIES**

--Retrieving all pizza data
 SELECT \* FROM pizza\_sales



--TOTAL REVENUE of Pizza Sales
SELECT SUM(total\_price) AS Total\_Revenue FROM pizza\_sales



--AVERAGE ORDER VALUE
SELECT SUM(total\_price)/COUNT(DISTINCT order\_id) AS AVG\_Order\_Value
FROM pizza\_sales



--TOTAL PIZZAS SOLD the sum of quantities of all pizzas sold SELECT COUNT(DISTINCT order\_id) AS 'Total Pizzas Sold' FROM pizza\_sales

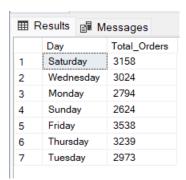


--AVERAGE PIZZAS PER ORDER ( Used 'cast' function to reduce decimal values) SELECT

 $\begin{array}{ll} {\sf CAST}({\sf CAST}({\sf SUM}({\sf quantity}) \ {\sf AS} \ {\sf DECIMAL}(10,2))/{\sf CAST}({\sf COUNT}({\sf DISTINCT} \ {\sf order\_id}) \ {\sf AS} \\ {\sf DECIMAL}(10,2)) \ {\sf AS} \ {\sf DECIMAL}(10,2)) \\ {\sf FROM} \ {\sf pizza\_sales} \\ \end{array}$ 



DAILY PIZZA SALES SELECT DATENAME(dw,order\_date) as 'Day', COUNT(DISTINCT order\_id) AS Total\_Orders FROM PIZZA\_SALES GROUP BY DATENAME(dw,order\_date);



## MONTHLY PIZZA SALES

SELECT DATENAME(MONTH, order\_date) AS Month, COUNT(DISTINCT order\_id) AS Total\_Orders FROM pizza sales GROUP BY DATENAME(MONTH, order\_date)



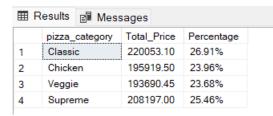
## --PERCENTAGE OF SALES

**SELECT** 

pizza\_category,

CAST(SUM(total\_price) AS DECIMAL(10,2)) AS Total\_Price, CONCAT(CAST(SUM(total\_price)\*100/(SELECT SUM(total\_price) FROM pizza\_sales) AS DECIMAL(10,2)),'%') as Percentage FROM pizza\_sales

GROUP BY pizza\_category;



```
--Pecentage of pizza size

SELECT

pizza_size ,CAST(SUM(total_price) AS DECIMAL(10,2)) AS Total_price,

CAST(SUM(total_price)*100/(SELECT SUM(total_price) FROM pizza_sales) AS

DECIMAL(10,2))AS Percentage

FROM pizza_sales

GROUP BY pizza_size

ORDER BY Percentage DESC;
```

⊞ Results ☐ Messages				
	pizza_size	Total_price	Percentage	
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	

--Total pizzas sold by pizza Category
SELECT pizza\_category,sum(quantity) AS Total\_pizzas
FROM pizza\_sales
GROUP BY pizza\_category
ORDER BY Total\_pizzas DESC;



--Top 5 Sellers by Total Pizzas Sold
SELECT TOP 5 pizza\_name ,SUM(total\_price) AS Total\_Price
FROM pizza\_sales
GROUP BY pizza\_name
ORDER BY Total\_Price DESC;

	pizza_name	Total_Price
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

--Bottom 5 Sellers by Total pizzas sold
SELECT TOP 5 pizza\_name,SUM(total\_price) AS Total\_Price
FROM pizza\_sales
GROUP BY pizza\_name
ORDER BY Total\_Price ASC;

