











SQL QUERIES

A. KPI











1. Total Revenue:

SELECT SUM(total_price) AS Total_sales FROM pizza_sales

Data Output		Messages	Notifications					
								
	total_sales double precision 							
1	817860.0499999993							











2. Average Order Value

SELECT SUM(total_price)/COUNT(DISTINCT order_id) AS Avg_order_value FROM pizza_sales

Data Output		Messages	Notifications
<div><div></div></div>			
	<div><div>avg_order_value</div><div>double precision</div><div></div></div>		
1	38.307262295081635		











3. Total Pizzas Sold

SELECT SUM(quantity) AS total_pizza_sold FROM pizza_sales

Data Output		Messages	Notifications
<div><div></div><div></div><div></div><div></div><div></div><div></div></div>		<div></div>	<div></div> <div></div>
	<div><div>total_pizza_sold</div><div>bigint</div><div></div></div>		
1		49574	










4.Total Orders

SELECT COUNT(DISTINCT order_id) AS total_orders FROM pizza_sales

Data Output		Messages	Notifications						
									
	total_orders bigint								
1	21350								










5. Average Pizzas Per Order

```
SELECT CAST(CAST(SUM(quantity) AS DECIMAL(10,2)) /  
CAST(COUNT(DISTINCT order_id) AS DECIMAL(10,2)) AS DECIMAL(10,2))  
AS Avg_Pizzas_per_order  
FROM pizza_sales
```

Data Output	Messages	Notifications
<div></div>		
	avg_pizzas_per_order numeric (10,2)	
1		2.32

B. Daily Trend for Total Orders

```
SELECT to_char(order_date,'Day') AS Days,COUNT(DISTINCT order_id) AS Total_orders  
FROM pizza_sales  
GROUP BY 1  
ORDER BY 2 DESC
```

Data Output	Messages	Notifications
<div></div>		
	days text	total_orders bigint
1	Friday	3538
2	Thursday	3239
3	Saturday	3158
4	Wednesday	3024
5	Tuesday	2973
6	Monday	2794
7	Sunday	2624

C. Monthly Trend for Orders

```
SELECT to_char(order_date,'Month') AS Months,COUNT(DISTINCT order_id) AS Total_orders  
FROM pizza_sales  
GROUP BY 1  
ORDER BY 2 DESC
```

Data Output


Messages

Notifications

	months text	total_orders bigint
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

D. % or total of Sales by Pizza Category

```
SELECT pizza_category, CAST(SUM(total_price) AS DECIMAL(10,2)) AS total_revenue,  
CONCAT(CAST(SUM(total_price) * 100 / (SELECT SUM(total_price) FROM pizza_sales) AS  
DECIMAL(10,2)), '%')  
AS revenue_PCT  
FROM pizza_sales  
GROUP BY 1  
ORDER BY 3 DESC
```

	Data Output	Messages	Notifications																				
																							
	<table><thead><tr><th></th><th>pizza_category character varying (25)</th><th>total_revenue numeric (10,2)</th><th>revenue_pct numeric (10,2)</th></tr></thead><tbody><tr><td>1</td><td>Classic</td><td>220053.10</td><td>26.91</td></tr><tr><td>2</td><td>Supreme</td><td>208197.00</td><td>25.46</td></tr><tr><td>3</td><td>Chicken</td><td>195919.50</td><td>23.96</td></tr><tr><td>4</td><td>Veggie</td><td>193690.45</td><td>23.68</td></tr></tbody></table>		pizza_category character varying (25)	total_revenue numeric (10,2)	revenue_pct numeric (10,2)	1	Classic	220053.10	26.91	2	Supreme	208197.00	25.46	3	Chicken	195919.50	23.96	4	Veggie	193690.45	23.68		
	pizza_category character varying (25)	total_revenue numeric (10,2)	revenue_pct numeric (10,2)																				
1	Classic	220053.10	26.91																				
2	Supreme	208197.00	25.46																				
3	Chicken	195919.50	23.96																				
4	Veggie	193690.45	23.68																				

E. % of Sales by Pizza Size

```
SELECT pizza_size, CAST(SUM(total_price) AS DECIMAL(10,2)) AS total_revenue,  
CONCAT(CAST(SUM(total_price) * 100 / (SELECT SUM(total_price) FROM pizza_sales) AS  
DECIMAL(10,2)), '%')  
  
AS REVENUE_PCT  
  
FROM pizza_sales  
  
GROUP BY 1  
  
ORDER by 3 DESC
```

Data Output Messages Graph Visualiser × Notifications

	pizza_size character varying (5) 🔒	total_revenue numeric (10,2) 🔒	revenue_pct text 🔒
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%

F. Total Pizzas Sold by Pizza Category

```
SELECT pizza_category, SUM(quantity) AS Total_Qty_Sold  
  
FROM pizza_sales  
  
GROUP BY 1  
  
ORDER BY 2 DESC
```

Data Output Messages Notifications

	pizza_category character varying (25) 🔒	total_qty_sold bigint 🔒
1	Classic	14888
2	Supreme	11987
3	Veggie	11649
4	Chicken	11050

G. Top 5 Pizzas by Revenue

```
SELECT pizza_name, SUM(total_price) AS top_5_pizza_revenue
FROM pizza_sales
GROUP BY 1
ORDER BY 2 DESC
LIMIT 5
```

Data OutputMessagesNotifications

	<div><div>pizza_name</div><div>character varying (100)</div></div>	<div><div>top_5_pizza_revenue</div><div>double precision</div></div>
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

H. Bottom 5 Pizzas by Revenue

```
SELECT pizza_name, SUM(total_price) AS bottom_5_pizza_revenue
FROM pizza_sales
GROUP BY 1
ORDER BY 2
LIMIT 5
```

Data OutputMessagesNotifications

	<div><div>pizza_name</div><div>character varying (100)</div></div>	<div><div>bottom_5_pizza_revenue</div><div>double precision</div></div>
1	The Brie Carre Pizza	11588.4999999999
2	The Green Garden Pizza	13955.75
3	The Spinach Supreme Pizza	15277.75
4	The Mediterranean Pizza	15360.5
5	The Spinach Pesto Pizza	15596

I. Top 5 Pizzas by Quantity

```
SELECT pizza_name, SUM(Quantity) AS top_5_pizza_sold  
  
FROM pizza_sales  
  
GROUP BY 1  
  
ORDER BY 2 DESC  
  
LIMIT 5
```

Data Output

Messages

Notifications

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	<div>pizza_name</div> <div>character varying (100)</div> <div></div>	<div>top_5_pizza_sold</div> <div>bigint</div> <div></div>
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

J. Bottom 5 Pizzas by Quantity

```
SELECT pizza_name, SUM(quantity) AS bottom_5_pizza_sold  
  
FROM pizza_sales  
  
GROUP BY 1  
  
ORDER BY 2  
  
LIMIT 5
```

Data Output

Messages

Notifications

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	<div>pizza_name</div> <div>character varying (100)</div> <div></div>	<div>bottom_5_pizza_sold</div> <div>bigint</div> <div></div>
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

K. Top 5 Pizzas by Total Orders

```
SELECT pizza_name, count(distinct order_id) AS top_5_pizza_orders
FROM pizza_sales
GROUP BY 1
ORDER BY 2 desc
LIMIT 5
```

Data Output Messages Notifications		
<div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div>		
	<div><div><div><div>pizza_name</div><div>character varying (100)</div></div><div></div></div></div>	<div><div><div><div>top_5_pizza_orders</div><div>bigint</div></div><div></div></div></div>
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

L. Bottom 5 Pizzas by Total Orders

```
SELECT pizza_name, count(distinct order_id) AS bottom_5_pizza_orders
FROM pizza_sales
GROUP BY 1
ORDER BY 2
LIMIT 5
```

Data Output Messages Notifications		
<div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div></div>		
	<div><div><div><div>pizza_name</div><div>character varying (100)</div></div><div></div></div></div>	<div><div><div><div>bottom_5_pizza_orders</div><div>bigint</div></div><div></div></div></div>
1	The Brie Carre Pizza	480
2	The Mediterranean Pizza	912
3	The Calabrese Pizza	918
4	The Spinach Supreme Pizza	918
5	The Chicken Pesto Pizza	938