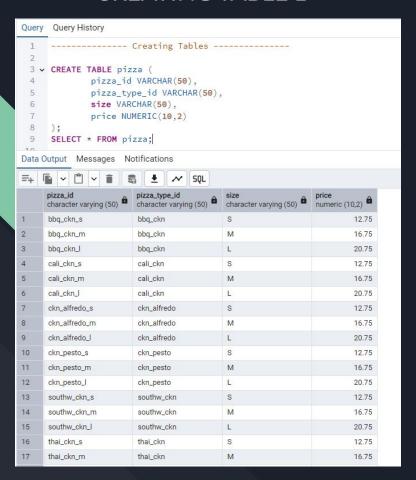
PIZZA SALES ANALYSIS

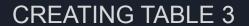
USING SQL QUERIES

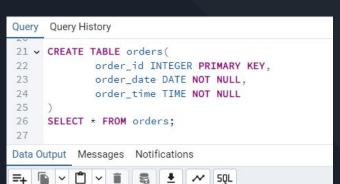
CREATING TABLE 1



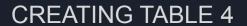
CREATING TABLE 2

```
Query History
 11
        CREATE TABLE pizza_types(
 13
                    pizza type id VARCHAR(50),
 14
                    name VARCHAR (50),
 15
                    category VARCHAR(50),
 16
                    ingredients VARCHAR(100)
 17
 18
        SELECT * FROM pizza_types;
 19
 20
Data Output Messages Notifications
                                                                                                      ingredients
                                                                            character varying (50)
       character varying (50)
                                character varying (50)
                                                                                                      character varying (100)
       bbq_ckn
                                 The Barbecue Chicken Pizza
                                                                             Chicken
                                                                                                      Barbecued Chicken, Red Peppers, Green Peppers, Tomatoes, Red Onions, Barbecue Sauce
2
                                The California Chicken Pizza
                                                                             Chicken
        cali_ckn
                                                                                                      Chicken, Artichoke, Spinach, Garlic, Jalapeno Peppers, Fontina Cheese, Gouda Cheese
3
       ckn alfredo
                                The Chicken Alfredo Pizza
                                                                             Chicken
                                                                                                      Chicken, Red Onions, Red Peppers, Mushrooms, Asiago Cheese, Alfredo Sauce
4
                                The Chicken Pesto Pizza
                                                                             Chicken
                                                                                                      Chicken, Tomatoes, Red Peppers, Spinach, Garlic, Pesto Sauce
        ckn_pesto
5
        southw_ckn
                                The Southwest Chicken Pizza
                                                                             Chicken
                                                                                                      Chicken, Tomatoes, Red Peppers, Red Onions, Jalapeno Peppers, Corn, Cilantro, Chipotle Sauce
6
        thai_ckn
                                The Thai Chicken Pizza
                                                                             Chicken
                                                                                                      Chicken, Pineapple, Tomatoes, Red Peppers, Thai Sweet Chilli Sauce
        big_meat
                                The Big Meat Pizza
                                                                             Classic
                                                                                                      Bacon, Pepperoni, Italian Sausage, Chorizo Sausage
8
        classic dlx
                                The Classic Deluxe Pizza
                                                                             Classic
                                                                                                      Pepperoni, Mushrooms, Red Onions, Red Peppers, Bacon
9
        hawaiian
                                The Hawaiian Pizza
                                                                             Classic
                                                                                                      Sliced Ham, Pineapple, Mozzarella Cheese
                                The Italian Capocollo Pizza
                                                                             Classic
                                                                                                      Capocollo, Red Peppers, Tomatoes, Goat Cheese, Garlic, Oregano
        ital_cpcllo
        napolitana
                                The Napolitana Pizza
                                                                             Classic
                                                                                                      Tomatoes, Anchovies, Green Olives, Red Onions, Garlic
12
        pep_msh_pep
                                The Pepperoni, Mushroom, and Peppers Pizza
                                                                             Classic
                                                                                                      Pepperoni, Mushrooms, Green Peppers
13
        pepperoni
                                The Pepperoni Pizza
                                                                             Classic
                                                                                                      Mozzarella Cheese, Pepperoni
14
        the_greek
                                The Greek Pizza
                                                                             Classic
                                                                                                      Kalamata Olives, Feta Cheese, Tomatoes, Garlic, Beef Chuck Roast, Red Onions
15
                                The Brie Carre Pizza
                                                                                                      Brie Carre Cheese, Prosciutto, Caramelized Onions, Pears, Thyme, Garlic
        brie carre
                                                                             Supreme
                                The Calabrese Pizza
        calabrese
                                                                             Supreme
                                                                                                      Nduja Salami, Pancetta, Tomatoes, Red Onions, Friggitello Peppers, Garlic
                                The Italian Supreme Pizza
                                                                                                      Calabrese Salami, Capocollo, Tomatoes, Red Onions, Green Olives, Garlic
        ital_supr
                                                                             Supreme
```

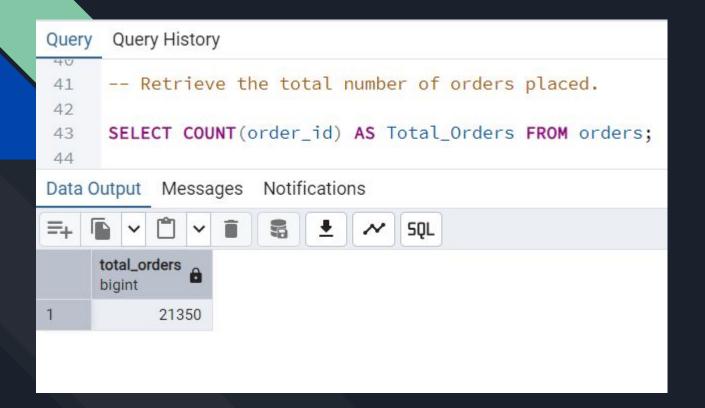


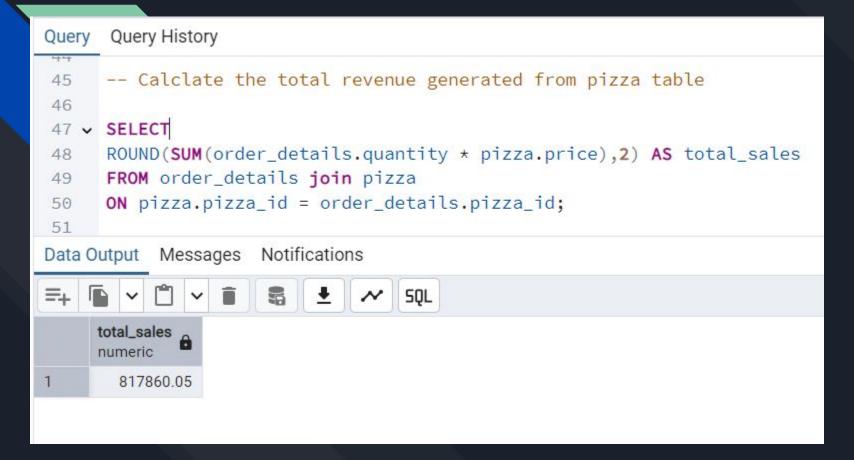


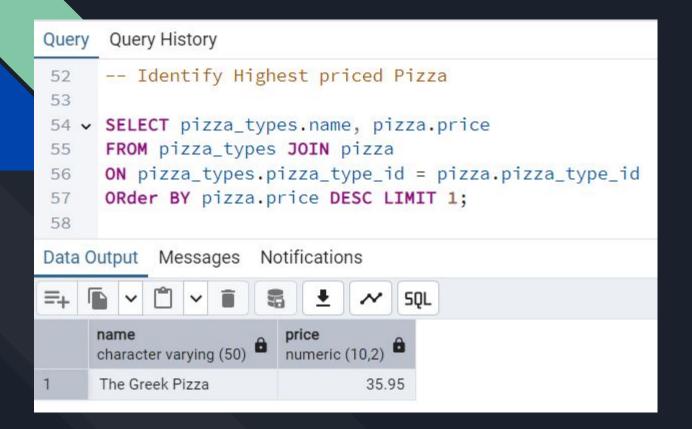
		m 40 -	
	order_id [PK] integer	order_date /	order_time time without time zone
1	1	2015-01-01	11:38:36
2	2	2015-01-01	11:57:40
3	3	2015-01-01	12:12:28
4	4	2015-01-01	12:16:31
5	5	2015-01-01	12:21:30
6	6	2015-01-01	12:29:36
7	7	2015-01-01	12:50:37
8	8	2015-01-01	12:51:37
9	9	2015-01-01	12:52:01
10	10	2015-01-01	13:00:15
11	11	2015-01-01	13:02:59
12	12	2015-01-01	13:04:41
13	13	2015-01-01	13:11:55
14	14	2015-01-01	13:14:19
15	15	2015-01-01	13:33:00
16	16	2015-01-01	13:34:07
17	17	2015-01-01	13:53:00



=+		= ±	✓ SQL	
	order_details_id integer	order_id integer	pizza_id character varying (50)	quantity integer
1	1	1	hawaiian_m	1
2	2	2	classic_dlx_m	1
3	3	2	five_cheese_l	1
4	4	2	ital_supr_l	1
5	5	2	mexicana_m	1
6	6	2	thai_ckn_l	1
7	7	3	ital_supr_m	1
8	8	3	prsc_argla_l	1
9	9	4	ital_supr_m	1
10	10	5	ital_supr_m	1
11	11	6	bbq_ckn_s	1
12	12	6	the_greek_s	1
13	13	7	spinach_supr_s	1
14	14	8	spinach_supr_s	1
15	15	9	classic_dlx_s	1
16	16	9	green_garden_s	1
17	17	9	ital_cpcllo_l	1
18	18	9	ital_supr_l	1
19	19	9	ital_supr_s	1

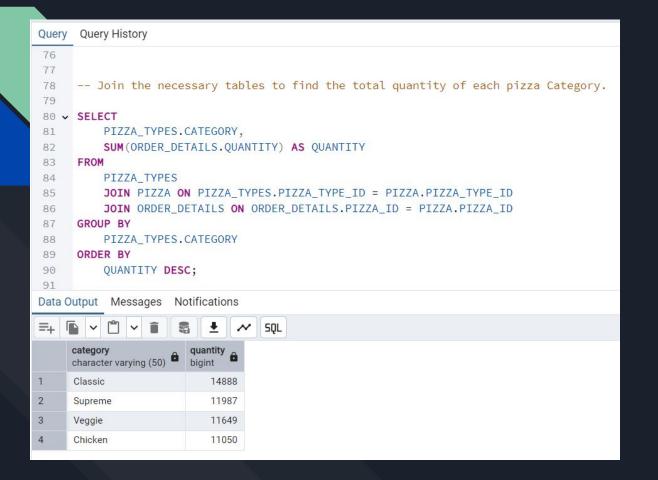


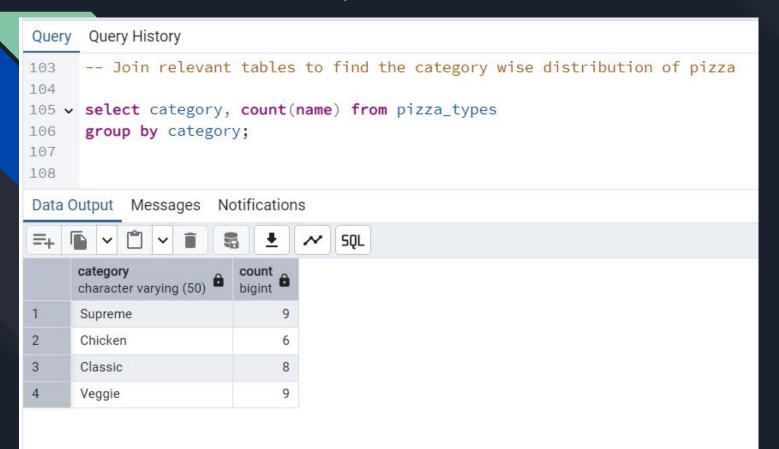




Query	Query History				
58					
59					
60	Identify the	Identify the most common pizza size ordered.			
61					
62 🗸	SELECT pizza.siz	<pre>SELECT pizza.size, count(order_details.order_details_id) as order_count</pre>			
63	FROM pizza Join order_details				
64	<pre>ON pizza.pizza_id = order_details.pizza_id</pre>				
65	Group by pizza.size order by order_count DESC;				
66					
Data					
Data	Data Output Messages Notifications				
=+		±			
	size character varying (50)	order_count bigint			
7320					
1	L	18526			
2	M	15385			
3	S	14137			
4	XL	544			
5	XXL	28			

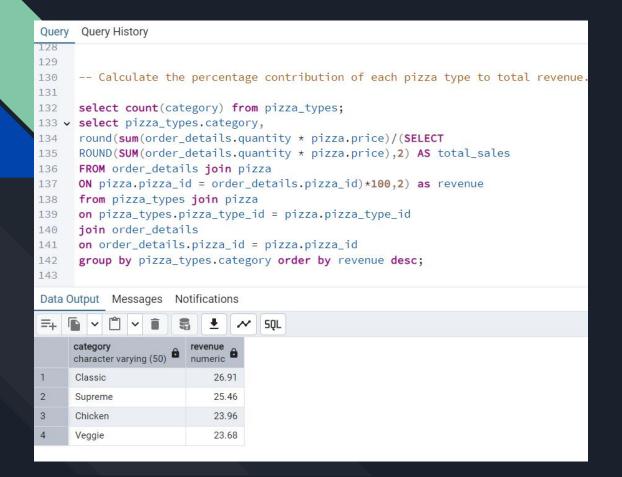
Query	Query History					
68	List the top 5 most ordered pizza types along with their quantities.					
69						
70 🗸	SELECT pizza_types.name,					
71	<pre>sum(order_details.quantity) as quantity</pre>					
72	FROM pizza_types JOIN pizza					
73	<pre>ON pizza_types.pizza_type_id = pizza.pizza_type_id</pre>					
74	JOIN order_details on order_details.pizza_id = pizza.pizza_id					
75	<pre>group by pizza_types.name order by quantity desc limit 5;</pre>					
76						
77						
Data Output Messages Notifications						
= + 「	□ ∨ □ ∨ □ □ □ □ □ □ □ □					
	name character varying (50)	quantity bigint				
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				



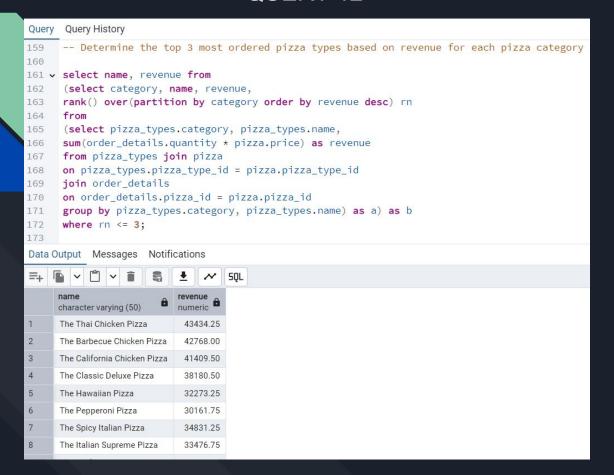


```
Query History
Query
108
109
110
      -- Group the orders by date and calulate the average number of pizzas ordered per day.
111
112 ~
      select round(avg(quantity),0) as average_pizza_ordered_per_day from (
113
      select orders.order_date, sum(order_details.quantity) as quantity
      from orders join order_details
114
      on orders.order_id = order_details.order_id
115
116
      group by orders.order_date) as order_quantity;
117
Data Output Messages Notifications
                                   SQL
     average_pizza_ordered_per_day
     numeric
                          138
```

```
Query History
Query
118
      -- Determine the top 3 most ordered pizza types based on revenue
119
120
121
      select pizza_types.name, sum(order_details.quantity * pizza.price) as revenue
122
      from pizza_types join pizza
123
      on pizza.pizza_type_id = pizza_types.pizza_type_id
124
      join order_details
125
      on order_details.pizza_id = pizza.pizza_id
126
      group by pizza_types.name order by revenue desc limit 3;
127
Data Output Messages Notifications
                                     SQL
     name
     character varying (50)
                            numeric
      The Thai Chicken Pizza
                             43434.25
      The Barbecue Chicken Pizza
                             42768.00
      The California Chicken Pizza
                             41409.50
```



Query	Query Histo	ry		
144				
145	Analyze the cumulative revenue generated over time			
146			grand and successful Company of the	
147 🗸	select or	der_date,		
148	sum(reven	ue) over (or	der by order_date) as cum_revenue	
149	from			
150	(select o	rders.order_	date,	
151	sum(order	_details.qua	ntity * pizza.price)as revenue from	
152	order_details join pizza			
153	<pre>on order_details.pizza_id = pizza.pizza_id</pre>			
154	join orders			
155	<pre>on orders.order_id = order_details.order_id</pre>			
156	<pre>group by orders.order_date order by orders.order_date ASC) as sales ;</pre>			
157				
158				
Data C	output Mess	ages Notificati	ions	
= + 「	· · · ·		~ [5QL]	
	order_date date	cum_revenue numeric		
1	2015-01-01	2713.85		
2	2015-01-02	5445.75		
3	2015-01-03	8108.15		
4	2015-01-04	9863.60		
5	2015-01-05	11929.55		
6	2015-01-06	14358.50		
7	2015-01-07	16560.70		
8	2015-01-08	19399.05		



THANKYOU