



SALES REPORT

20
24

presented by
Shubham Bansal





INTRODUCTION

Welcome to our exciting sales report presentation!

Today, we'll explore the dynamic sales performance of a pizza company. By delving into key metrics, we aim to uncover insights that will empower decision-making and fuel business growth. We've harnessed the power of SQL to tackle various queries related to pizza sales, ensuring a comprehensive analysis. Let's embark on this journey together!

presented by
Shubham Bansal





SALES PERFORMANCE



In this section, we delve into a detailed analysis of our sales performance, including factors influencing revenue, sales by product category, monthly distribution, etc. By examining these metrics, we can identify areas of strength and opportunities for improvement.



TOTAL NUMBER OF ORDERS PLACED

```
1 SELECT COUNT(QUANTITY)  
2 FROM ORDER_DETAILS
```

Data Output Explain Messages Notifications

	count	bigint	🔒
1	48620		

TOTAL REVENUE GENERATED FROM PIZZA SALES

Query Editor Query History

```
1 WITH CTE AS
2   (SELECT ORDER_DETAILS.ORDER_DETAILS_ID,
3    ORDER_DETAILS.QUANTITY,
4    PIZZAS.PRICE
5   FROM ORDER_DETAILS
6   LEFT JOIN PIZZAS ON ORDER_DETAILS.PIZZA_ID = PIZZAS.PIZZA_ID)
7 SELECT SUM(QUANTITY * PRICE)
8 FROM CTE
```

Data Output Explain Messages

	sum	numeric
1	817860.05	locked

HIGHEST-PRICED PIZZA

[Query Editor](#)[Query History](#)

```
1 SELECT PIZZA_ID,  
2      PRICE  
3 FROM PIZZAS  
4 ORDER BY PRICE DESC  
5 LIMIT 1
```

Data Output	Explain	Messages	Notifications
<code> pizza_id [PK] character varying (50)</code>		<code> price numeric</code>	
1 the_greek_xxl		35.95	

MOST COMMON PIZZA SIZE ORDERED

Query Editor Query History

```
1 WITH CTE AS
2     (SELECT PIZZAS.SIZE,
3      ORDER_DETAILS.QUANTITY
4      FROM ORDER_DETAILS
5      LEFT JOIN PIZZAS ON ORDER_DETAILS.PIZZA_ID = PIZZAS.PIZZA_ID)
6 SELECT SIZE,
7       SUM(QUANTITY)
8  FROM CTE
9 GROUP BY SIZE
10 ORDER BY SUM(QUANTITY) DESC
11 LIMIT 1
```

Data Output Explain Messages Notifications

	size	sum
	character varying (5)	bigint
1	L	18956

TOP 5 MOST ORDERED PIZZA TYPES WITH THEIR QUANTITIES

Query Editor Query History

```
1 SELECT B.PIZZA_TYPE_ID,  
2     SUM(A.QUANTITY) AS TOTAL_QUANTITY  
3 FROM ORDER_DETAILS AS A  
4 LEFT JOIN PIZZAS AS B ON A.PIZZA_ID = B.PIZZA_ID  
5 GROUP BY B.PIZZA_TYPE_ID  
6 ORDER BY TOTAL_QUANTITY DESC  
7 LIMIT 5
```

	pizza_type_id	total_quantity
1	classic_dlx	2453
2	bbq_ckn	2432
3	hawaiian	2422
4	pepperoni	2418
5	thai_ckn	2371

TOTAL QUANTITY OF EACH PIZZA CATEGORY ORDERED

Query Editor Query History

```
1 WITH CTE AS
2   (SELECT A.PIZZA_ID,
3    B.PIZZA_TYPE_ID,
4    A.QUANTITY
5    FROM ORDER_DETAILS AS A
6    LEFT JOIN PIZZAS AS B ON A.PIZZA_ID = B.PIZZA_ID)
7 SELECT D.CATEGORY,
8   SUM(C.QUANTITY)
9  FROM CTE AS C
10 LEFT JOIN PIZZA_TYPES AS D ON C.PIZZA_TYPE_ID = D.PIZZA_TYPE_ID
11 GROUP BY D.CATEGORY
12 ORDER BY SUM(C.QUANTITY) ASC
```

	category	sum
	character varying (50)	bigint
1	Chicken	11050
2	Veggie	11649
3	Supreme	11987
4	Classic	14888

DISTRIBUTION OF ORDERS BY HOUR OF THE DAY

Query Editor Query History

```
1 SELECT EXTRACT(HOUR FROM B.TIME) AS HOURS,  
2      SUM(A.QUANTITY)  
3 FROM ORDER_DETAILS AS A  
4 LEFT JOIN ORDERS AS B ON A.ORDER_ID = B.ORDER_ID  
5 GROUP BY HOURS  
6 ORDER BY HOURS ASC
```

Data Output Explain Messages

hours	sum
1	4
2	18
3	2728
4	6776
5	6413
6	3613
7	3216
8	4239
9	5211
10	5417
11	4406
12	3534
13	2545
14	1386
23	

AVERAGE NUMBER OF PIZZAS ORDERED PER DAY

Query Editor Query History

```
1 WITH CTE AS
2   (SELECT B.DATE,
3     SUM(A.QUANTITY) AS SUM1
4   FROM ORDER_DETAILS AS A
5   LEFT JOIN ORDERS AS B ON A.ORDER_ID = B.ORDER_ID
6   GROUP BY B.DATE
7   ORDER BY B.DATE ASC)
8 SELECT ROUND(AVG(SUM1),2) AS AVG_NO_OF_PIZZA
9 FROM CTE
```

Data Output Explain Messages

avg_no_of_pizza	numeric
1	138.47

TOP 3 MOST ORDERED PIZZA TYPES BASED ON REVENUE

Query Editor Query History

```
1 |SELECT B.PIZZA_TYPE_ID,
2 |      SUM(B.PRICE * A.QUANTITY) AS REVENUE
3 |FROM ORDER_DETAILS AS A
4 |LEFT JOIN PIZZAS AS B ON A.PIZZA_ID = B.PIZZA_ID
5 |GROUP BY B.PIZZA_TYPE_ID
6 |ORDER BY REVENUE DESC
7 |LIMIT 3
```

Data Output Explain Messages Notifications

	pizza_type_id	revenue
1	thai_ckn	43434.25
2	bbq_ckn	42768.00
3	cali_ckn	41409.50

PERCENTAGE CONTRIBUTION OF EACH PIZZA TO TOTAL REVENUE

	Query Editor	Query History	Data Output	Explain	Messages	Notifications																																																
1	<pre>1 SELECT B.PIZZA_TYPE_ID, 2 ROUND((100 * SUM(B.PRICE * A.QUANTITY) / 3 (WITH CTE AS 4 (SELECT ORDER_DETAILS.ORDER_DETAILS_ID, ORDER_DETAILS.QUANTITY, 5 PIZZAS.PRICE 6 FROM ORDER_DETAILS 7 LEFT JOIN PIZZAS ON ORDER_DETAILS.PIZZA_ID = PIZZAS.PIZZA_ID) 8 SELECT SUM(QUANTITY * PRICE) 9 FROM CTE)),2) AS PERCENT_REVENUE 10 FROM ORDER_DETAILS AS A 11 LEFT JOIN PIZZAS AS B ON A.PIZZA_ID = B.PIZZA_ID 12 GROUP BY B.PIZZA_TYPE_ID 13 ORDER BY PERCENT_REVENUE DESC </pre>		<table border="1"><thead><tr><th></th><th>pizza_type_id</th><th>percent_revenue</th></tr></thead><tbody><tr><td>1</td><td>thai_ckn</td><td>5.31</td></tr><tr><td>2</td><td>bbq_ckn</td><td>5.23</td></tr><tr><td>3</td><td>cali_ckn</td><td>5.06</td></tr><tr><td>4</td><td>classic_dlx</td><td>4.67</td></tr><tr><td>5</td><td>spicy_ital</td><td>4.26</td></tr><tr><td>6</td><td>southw_ckn</td><td>4.24</td></tr><tr><td>7</td><td>ital_supr</td><td>4.09</td></tr><tr><td>8</td><td>four_cheese</td><td>3.95</td></tr><tr><td>9</td><td>hawaiian</td><td>3.95</td></tr><tr><td>10</td><td>sicilian</td><td>3.78</td></tr><tr><td>11</td><td>pepperoni</td><td>3.69</td></tr><tr><td>12</td><td>the_greek</td><td>3.48</td></tr><tr><td>13</td><td>mexicana</td><td>3.27</td></tr><tr><td>14</td><td>five_cheese</td><td>3.19</td></tr><tr><td>15</td><td>peppr_salami</td><td>3.1</td></tr></tbody></table>		pizza_type_id	percent_revenue	1	thai_ckn	5.31	2	bbq_ckn	5.23	3	cali_ckn	5.06	4	classic_dlx	4.67	5	spicy_ital	4.26	6	southw_ckn	4.24	7	ital_supr	4.09	8	four_cheese	3.95	9	hawaiian	3.95	10	sicilian	3.78	11	pepperoni	3.69	12	the_greek	3.48	13	mexicana	3.27	14	five_cheese	3.19	15	peppr_salami	3.1			
	pizza_type_id	percent_revenue																																																				
1	thai_ckn	5.31																																																				
2	bbq_ckn	5.23																																																				
3	cali_ckn	5.06																																																				
4	classic_dlx	4.67																																																				
5	spicy_ital	4.26																																																				
6	southw_ckn	4.24																																																				
7	ital_supr	4.09																																																				
8	four_cheese	3.95																																																				
9	hawaiian	3.95																																																				
10	sicilian	3.78																																																				
11	pepperoni	3.69																																																				
12	the_greek	3.48																																																				
13	mexicana	3.27																																																				
14	five_cheese	3.19																																																				
15	peppr_salami	3.1																																																				

TOP 3 MOST ORDERED PIZZA BASED ON REVENUE FOR EACH PIZZA CATEGORY

Query Editor Query History

```
1 WITH CTE1 AS
2     (WITH CTE AS
3         (SELECT C.CATEGORY,
4             C.PIZZA_TYPE_ID,
5                 SUM(A.QUANTITY * B.PRICE) AS SALES
6             FROM ORDER_DETAILS AS A
7             JOIN PIZZAS AS B ON A.PIZZA_ID = B.PIZZA_ID
8             JOIN PIZZA_TYPES AS C ON B.PIZZA_TYPE_ID = C.PIZZA_TYPE_ID
9             GROUP BY C.PIZZA_TYPE_ID,
10                C.CATEGORY
11            ORDER BY C.CATEGORY,
12                SALES DESC) SELECT *,
13                DENSE_RANK() OVER(PARTITION BY CATEGORY
14                                ORDER BY SALES DESC) AS RANK
15        FROM CTE)
16    SELECT CATEGORY,
17        PIZZA_TYPE_ID,
18        SALES
19    FROM CTE1
20    WHERE RANK < 4
```

Data Output Explain Messages Notifications

	category	pizza_type_id	sales
1	Chicken	thai_ckn	43434.25
2	Chicken	bbq_ckn	42768.00
3	Chicken	cali_ckn	41409.50
4	Classic	classic_dlx	38180.5
5	Classic	hawaiian	32273.25
6	Classic	pepperoni	30161.75
7	Supreme	spicy_ital	34831.25
8	Supreme	ital_supr	33476.75
9	Supreme	sicilian	30940.50
10	Veggie	four_cheese	32265.70
11	Veggie	mexicana	26780.75
12	Veggie	five_cheese	26066.5

THANK YOU!

Thank you for your attention to our sales report presentation. If you have any questions or would like to discuss the findings in more detail, please don't hesitate to reach out