

Query 1 pizzas orders pizza_types pizza.hut project.sql1 x order_details



```
1  -- 1. Retrieve the total number of orders placed
2  SELECT COUNT(order_id) AS total_number_of_orders
3  FROM orders;
4
5  -- 2. Calculate the total revenue generated from pizza sales
6  SELECT
7      ROUND(SUM(order_details.quantity * pizzas.price), 2) AS total_sales
8  FROM order_details
9  JOIN pizzas ON pizzas.pizza_id = order_details.pizza_id;
```



Result Grid



Filter Rows:

Export:



Wrap Cell Content:



| | total_number_of_orders |
|---|------------------------|
| ▶ | 21350 |

Query 1 pizzas orders pizza_types pizza.hut project.sql* x order_details



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Result Grid



Filter Rows:

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| | total_sales |
|---|-------------|
| ▶ | 817860.05 |

Query 1 pizzas orders pizza_types pizza.hut project.sql* x order_details



```
11 -- 3. Identify the 2nd highest-priced pizza
12 • SELECT
13     pizza_types.name, pizzas.price
14 FROM pizza_types
15 JOIN pizzas ON pizzas.pizza_type_id = pizza_types.pizza_type_id
16 WHERE pizzas.price < (SELECT MAX(price) FROM pizzas)
17 ORDER BY pizzas.price DESC
18 LIMIT 1;
19
```



Result Grid



Filter Rows:

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Fetch rows:



| | name | price |
|---|-----------------|-------|
| ▶ | The Greek Pizza | 25.5 |



```
17 ORDER BY pizzas.price DESC
18 LIMIT 1;
19
20 -- 4. Identify the most common pizza size ordered
21 • SELECT
22     pizzas.size, COUNT(order_details.quantity) AS total_orders
23 FROM pizzas
24 JOIN order_details ON pizzas.pizza_id = order_details.pizza_id
25 GROUP BY pizzas.size;
```

Result Grid



Filter Rows:

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| | size | total_orders |
|---|------|--------------|
| ▶ | M | 15385 |
| | L | 18526 |
| | S | 14137 |
| | XL | 544 |
| | XXL | 28 |



```
27 -- 5. List the top 5 most ordered pizza types along with their quantities
28 • SELECT
29     pizza_types.name, SUM(order_details.quantity) AS quantity
30 FROM pizza_types
31 JOIN pizzas ON pizza_types.pizza_type_id = pizzas.pizza_type_id
32 JOIN order_details ON pizzas.pizza_id = order_details.pizza_id
33 GROUP BY pizza_types.name
34 ORDER BY quantity DESC
35 LIMIT 5;
```



Result Grid



Filter Rows:

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Fetch rows:



| | name | quantity |
|---|----------------------------|----------|
| ▶ | The Classic Deluxe Pizza | 2453 |
| | The Barbecue Chicken Pizza | 2432 |
| | The Hawaiian Pizza | 2422 |
| | The Pepperoni Pizza | 2418 |
| | The Thai Chicken Pizza | 2371 |

```
-- 6. Total quantity of each pizza category ordered
SELECT
    pizza_types.category, SUM(order_details.quantity) AS pizza_quantity
FROM pizza_types
JOIN pizzas ON pizzas.pizza_type_id = pizza_types.pizza_type_id
JOIN order_details ON pizzas.pizza_id = order_details.pizza_id
GROUP BY pizza_types.category
ORDER BY pizza_quantity DESC;
```

| | category | pizza_quantity |
|---|----------|----------------|
| ► | Classic | 14888 |
| | Supreme | 11987 |
| | Veggie | 11649 |
| | Chicken | 11050 |


```

45
46 -- 7. Distribution of orders by hour of the day
47 • SELECT
48     HOUR(order_time) AS hour, COUNT(order_id) AS order_count
49 FROM orders
50 GROUP BY HOUR(order_time) order by hour;
51

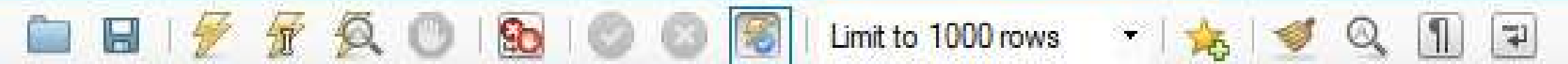
```

Result Grid

Filter Rows:

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| | hour | order_count |
|---|------|-------------|
| ▶ | 9 | 1 |
| | 10 | 8 |
| | 11 | 1231 |
| | 12 | 2520 |
| | 13 | 2455 |
| | 14 | 1472 |
| | 15 | 1468 |
| | 16 | 1920 |
| | 17 | 2336 |
| | 18 | 2399 |
| | 19 | 2009 |
| | 20 | 1642 |
| | 21 | 1198 |
| | 22 | 663 |
| | 23 | 28 |



```

52 -- 8. Category-wise distribution of pizzas
53 SELECT
54     pizza_types.category, COUNT(pizza_types.name) AS pizza_count
55 FROM pizza_types
56 GROUP BY pizza_types.category;
57
58 -- 9. Average number of pizzas ordered per day

```

| | category | pizza_count |
|---|----------|-------------|
| ▶ | Chicken | 6 |
| | Classic | 8 |
| | Supreme | 9 |
| | Veggie | 9 |



57

58 -- 9. Average number of pizzas ordered per day

59 • SELECT

60 ROUND(AVG(orders_per_day), 0) AS avg_orders_per_day

61 FROM (

62 SELECT

63 orders.order_date,

64 SUM(order_details.quantity) AS orders_per_day

65 FROM orders

66 JOIN order_details ON orders.order_id = order_details.order_id

67 GROUP BY orders.order_date

68) AS daily_orders;

<

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

| | avg_orders_per_day |
|---|--------------------|
| ▶ | 138 |



```
68 ) AS daily_orders;
```

```
69
```

```
70 -- 10. Top 3 most ordered pizza types based on revenue
```

```
71 • SELECT
```

```
72     pizza_types.name,
```

```
73     ROUND(SUM(pizzas.price * order_details.quantity), 0) AS revenue
```

```
74 FROM pizza_types
```

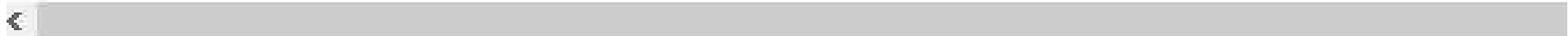
```
75 JOIN pizzas ON pizza_types.pizza_type_id = pizzas.pizza_type_id
```

```
76 JOIN order_details ON order_details.pizza_id = pizzas.pizza_id
```

```
77 GROUP BY pizza_types.name
```

```
78 ORDER BY revenue DESC
```

```
79 LIMIT 3;
```



Result Grid



Filter Rows:

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Fetch rows:



| | name | revenue |
|---|------------------------------|---------|
| ▶ | The Thai Chicken Pizza | 43434 |
| | The Barbecue Chicken Pizza | 42768 |
| | The California Chicken Pizza | 41410 |

Query 1











pizzas

orders






pizza_types

pizza.hut project.sql* x

order_details



Limit to 1000 rows



```
81 -- 11. Percentage contribution of each pizza category to total revenue
82 • SELECT
83     pizza_types.category,
84     ROUND(SUM(pizzas.price * order_details.quantity) * 100 /
85           (SELECT SUM(order_details.quantity * pizzas.price)
86             FROM order_details
87             JOIN pizzas ON pizzas.pizza_id = order_details.pizza_id), 2) AS revenue_percentage
88 FROM pizza_types
89 JOIN pizzas ON pizzas.pizza_type_id = pizza_types.pizza_type_id
90 JOIN order_details ON pizzas.pizza_id = order_details.pizza_id
91 GROUP BY pizza_types.category;
92
```

<

Result Grid

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| | category | revenue_percentage |
|---|----------|--------------------|
| ▶ | Classic | 26.91 |
| | Veggie | 23.68 |
| | Supreme | 25.46 |
| | Chicken | 23.96 |

```
93  -- 12. Cumulative revenue generated over time
94  •  SELECT
95      order_date,
96      round(SUM(revenue) OVER (ORDER BY order_date),2) AS cumulative_revenue
97  FROM (
98      SELECT
99          orders.order_date,
100          SUM(order_details.quantity * pizzas.price) AS revenue
101      FROM orders
102      JOIN order_details ON orders.order_id = order_details.order_id
103      JOIN pizzas ON pizzas.pizza_id = order_details.pizza_id
104      GROUP BY orders.order_date
105  ) AS sales;
106
```

< 

Result Grid  Filter Rows: Export:  Wrap Cell Content: 

| | order_date | cumulative_revenue |
|---|------------|--------------------|
| ▶ | 2015-01-01 | 2713.85 |
| | 2015-01-02 | 5445.75 |
| | 2015-01-03 | 8108.15 |
| | 2015-01-04 | 9863.6 |
| | 2015-01-05 | 11929.55 |
| | 2015-01-06 | 14358.5 |
| | 2015-01-07 | 16560.7 |
| | 2015-01-08 | 19399.05 |
| | 2015-01-09 | 21526.4 |



```

107 -- 13. Top 3 most ordered pizza types based on revenue for each category
108 • SELECT
109     category, name, revenue
110 FROM (
111     SELECT
112         category, name, revenue,
113         RANK() OVER (PARTITION BY category ORDER BY revenue DESC) AS rn
114     FROM (
115         SELECT
116             pizza_types.category,
117             pizza_types.name,
118             ROUND(SUM(pizzas.price * order_details.quantity), 2) AS revenue
119         FROM pizza_types
120         JOIN pizzas ON pizza_types.pizza_type_id = pizzas.pizza_type_id
121         JOIN order_details ON pizzas.pizza_id = order_details.pizza_id
122         GROUP BY pizza_types.category, pizza_types.name
123     ) AS a
124 ) AS b
125 WHERE rn <= 3;

```



Result Grid



Filter Rows:

Export:



Wrap Cell Content:



| | category | name | revenue |
|---|----------|------------------------------|----------|
| ▶ | Chicken | The Thai Chicken Pizza | 43434.25 |
| | Chicken | The Barbecue Chicken Pizza | 42768 |
| | Chicken | The California Chicken Pizza | 41409.5 |
| | Classic | The Classic Deluxe Pizza | 38180.5 |
| | Classic | The Hawaiian Pizza | 32273.25 |