PIZZA SALES

2024

presented by
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Pradhan

Join the necessary tables to find the total quantity of each pizza category ordered

```sql
SELECT
    pizza_types.category,
    SUM(order_details.quantity) AS total_quantity
FROM
    pizza_types
        JOIN
    pizzas ON pizza_types.pizza_type_id = pizzas.pizza_type_id
        JOIN
    order_details ON pizzas.pizza_id = order_details.pizza_id
GROUP BY pizza_types.category
ORDER BY total_quantity DESC;
```

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

category	total_quantity
Classic	14888
Supreme	11987
Veggie	11649
Chicken	11050

Result 37 | Read Only

Output

Determine the distribution of orders by hour of the day.

2024

PizzaHut_sql* | SQL File 3*

Limit to 1000 rows

```
69
70  #Determine the distribution of orders by hour of the day.
71  SELECT
72      HOUR(orders.order_time) AS order_hour,
73      COUNT(order_id) AS t_order
74  FROM
75      orders
76  GROUP BY order_hour
77  ORDER BY t_order DESC;
78
79
80
81
```

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

order_hour	t_order
12	2520
13	2455
18	2399
17	2336
19	2009

Result 38 | Read Only

Output

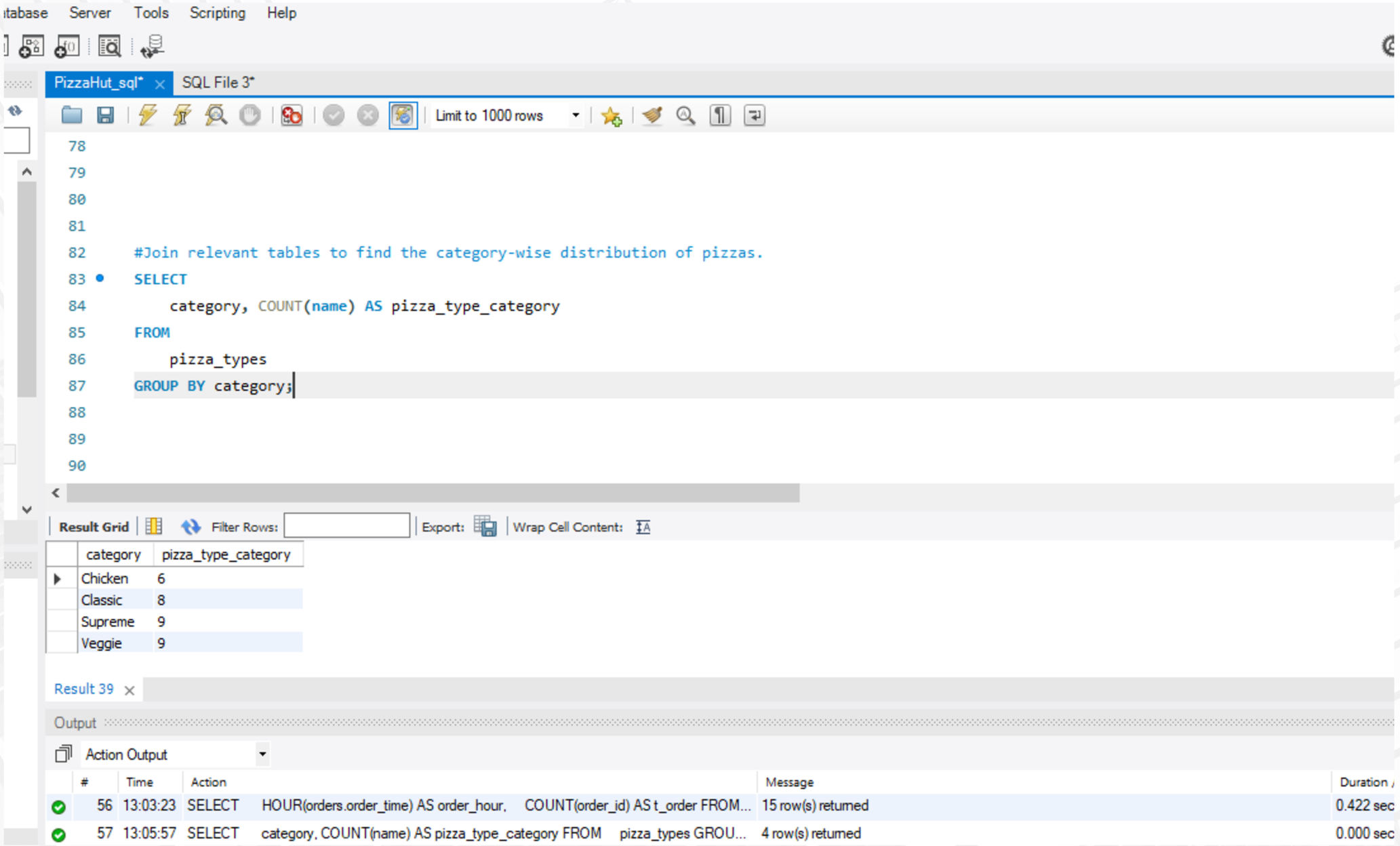
Action Output

#	Time	Action	Message	Duration / Fetch

03

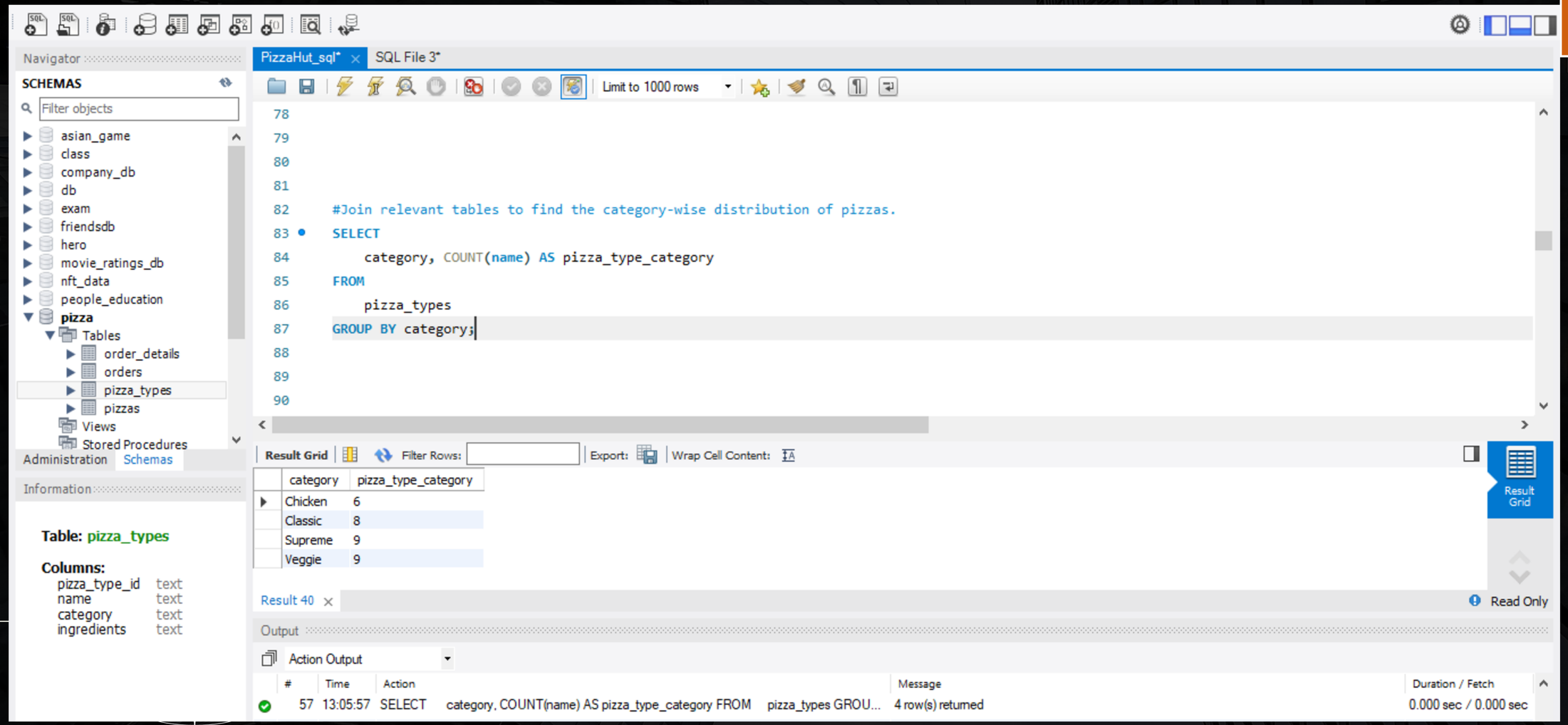
Join relevant tables to find the category-wise distribution of pizzas.

2024



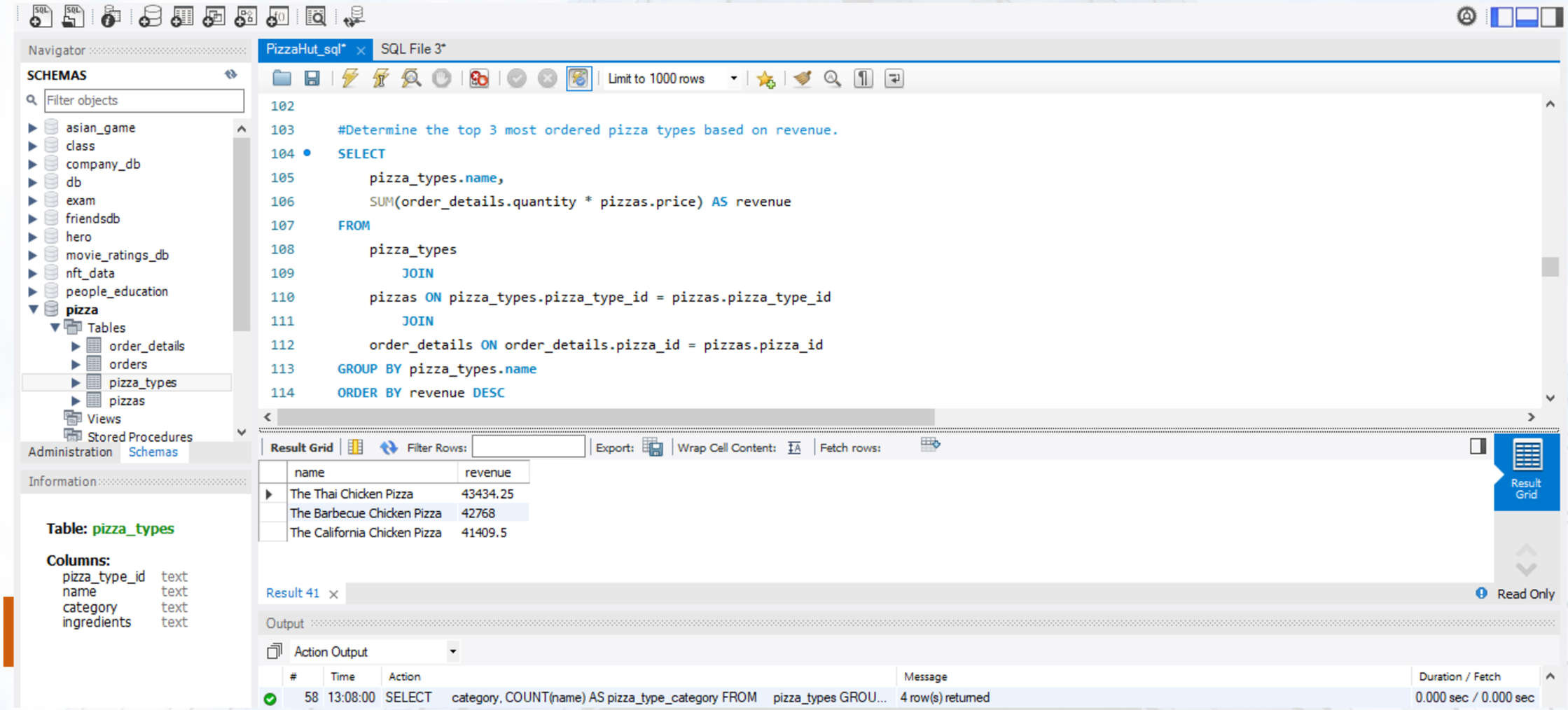
Group the orders by date and calculate the average number of pizzas ordered per day.

2024



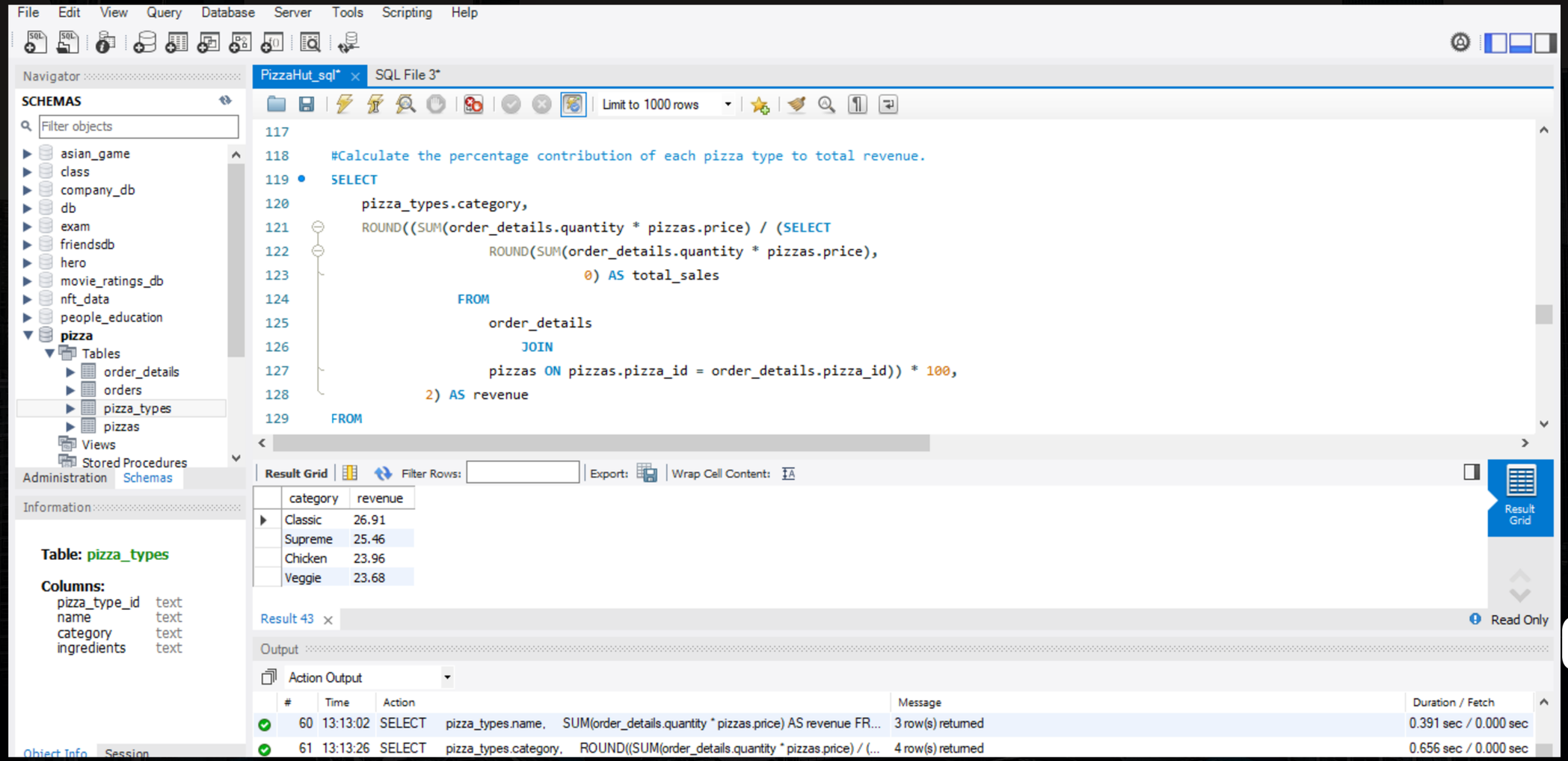
Determine the top 3 most ordered pizza types based on revenue.

2024



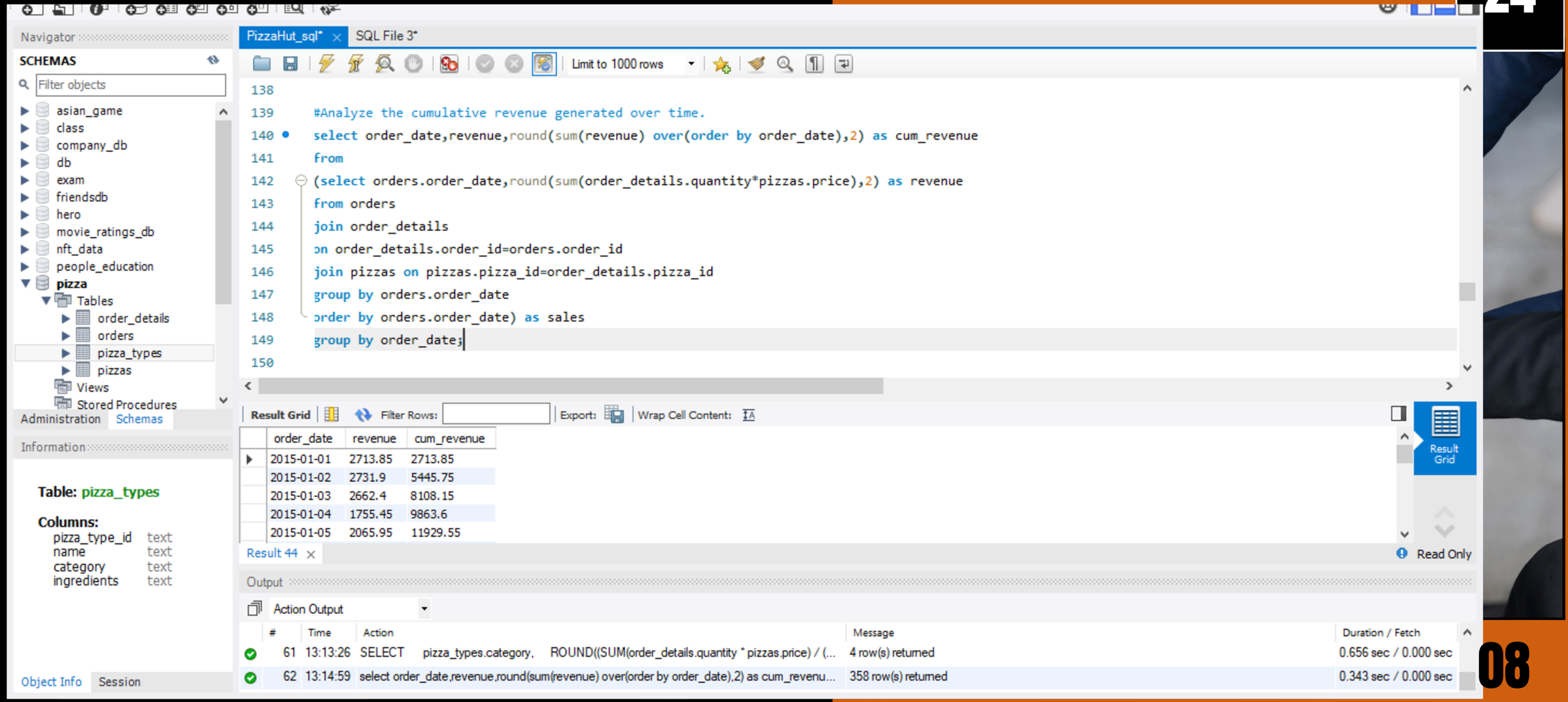
2024

Calculate the percentage contribution of each pizza type to total revenue.

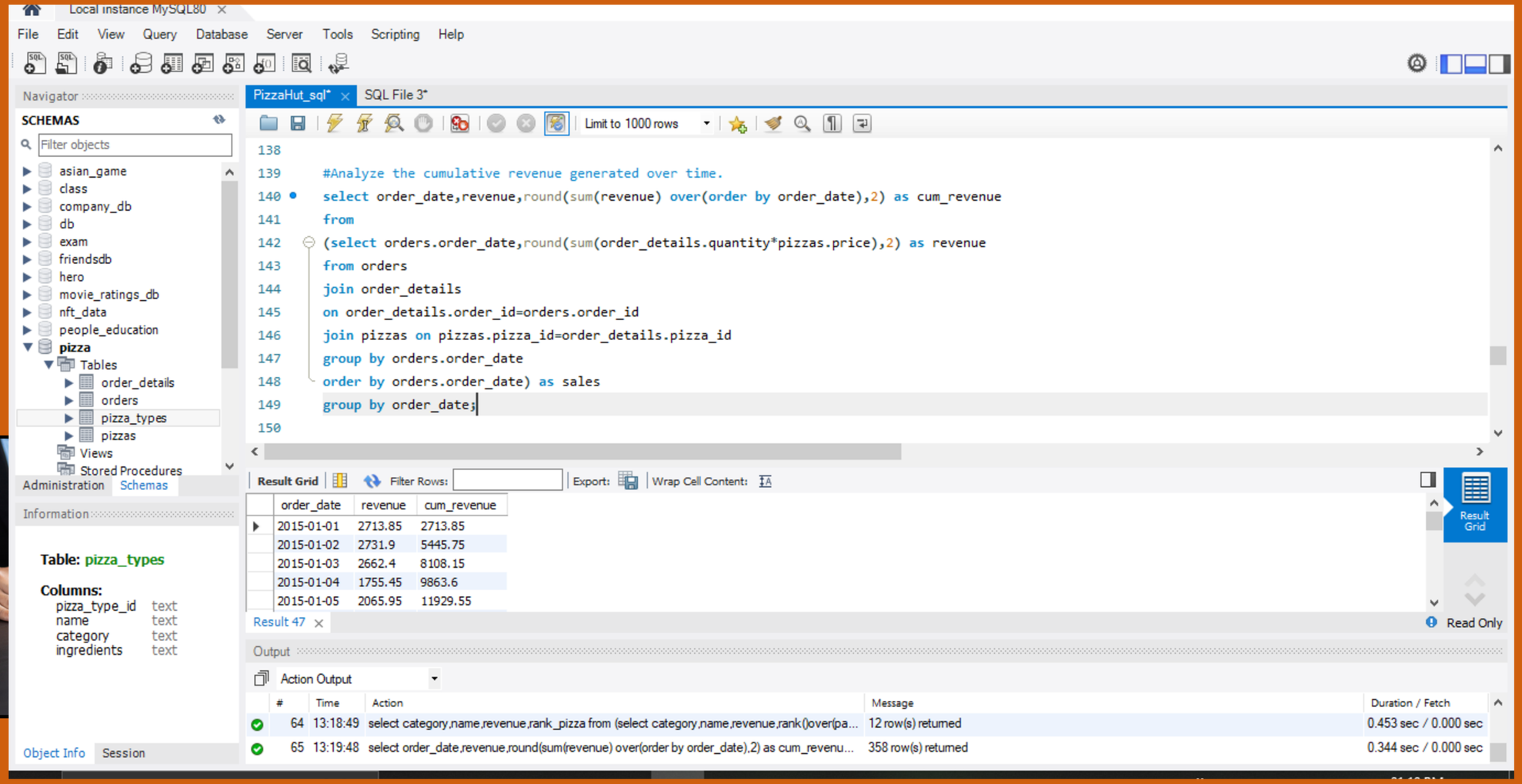


Analyze the cumulative revenue generated over time.

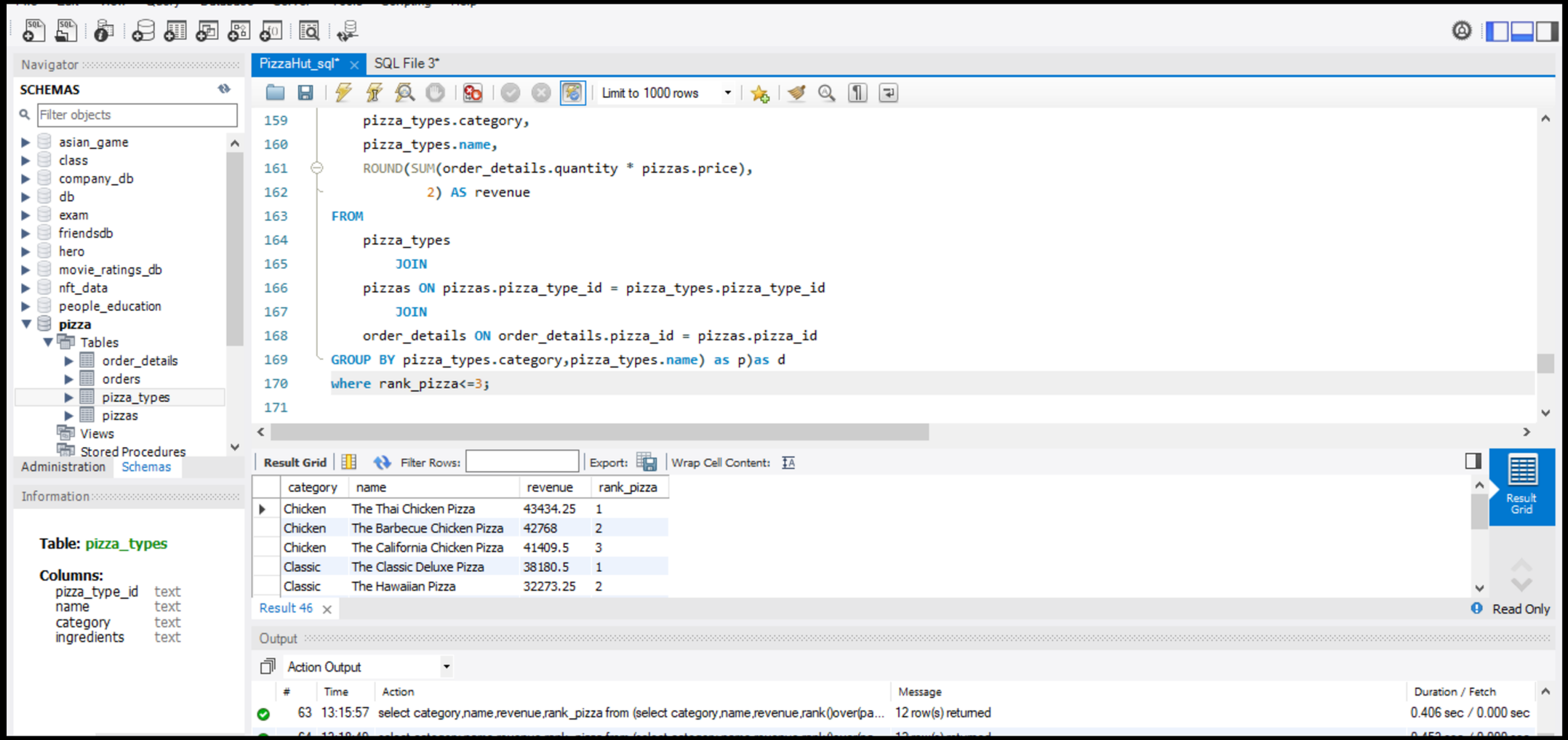
2024



2024


Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
asian_game
class
company_db
db
exam
friendsdb
hero
movie_ratings_db
nft_data
people_education
pizza
Tables
order_details
orders
pizza_types
pizzas
Views
Stored Procedures
Administration Schemas
Information
Table: pizza_types
Columns:
pizza_type_id text
name text
category text
ingredients text
Object Info Session
PizzaHut_sql* SQL File 3*
Limit to 1000 rows
138
139 #Analyze the cumulative revenue generated over time.
140 select order_date,revenue,round(sum(revenue) over(order by order_date),2) as cum_revenue
141 from
142 (select orders.order_date,round(sum(order_details.quantity*pizzas.price),2) as revenue
143 from orders
144 join order_details
145 on order_details.order_id=orders.order_id
146 join pizzas on pizzas.pizza_id=order_details.pizza_id
147 group by orders.order_date
148 order by orders.order_date) as sales
149 group by order_date;
150
Result Grid Filter Rows: Export: Wrap Cell Content:
order_date revenue cum_revenue
2015-01-01 2713.85 2713.85
2015-01-02 2731.9 5445.75
2015-01-03 2662.4 8108.15
2015-01-04 1755.45 9863.6
2015-01-05 2065.95 11929.55
Result 47
Result Grid
Read Only
Output
Action Output
Time Action Message Duration / Fetch
64 13:18:49 select category,name,revenue,rank_pizza from (select category,name,revenue,rank()over(pa... 12 row(s) returned 0.453 sec / 0.000 sec
65 13:19:48 select order_date,revenue,round(sum(revenue) over(order by order_date),2) as cum_revenu... 358 row(s) returned 0.344 sec / 0.000 sec

DETERMINE THE TOP 3 MOST ORDERED PIZZA TYPES BASED ON REVENUE FOR EACH PIZZA CATEGORY.



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