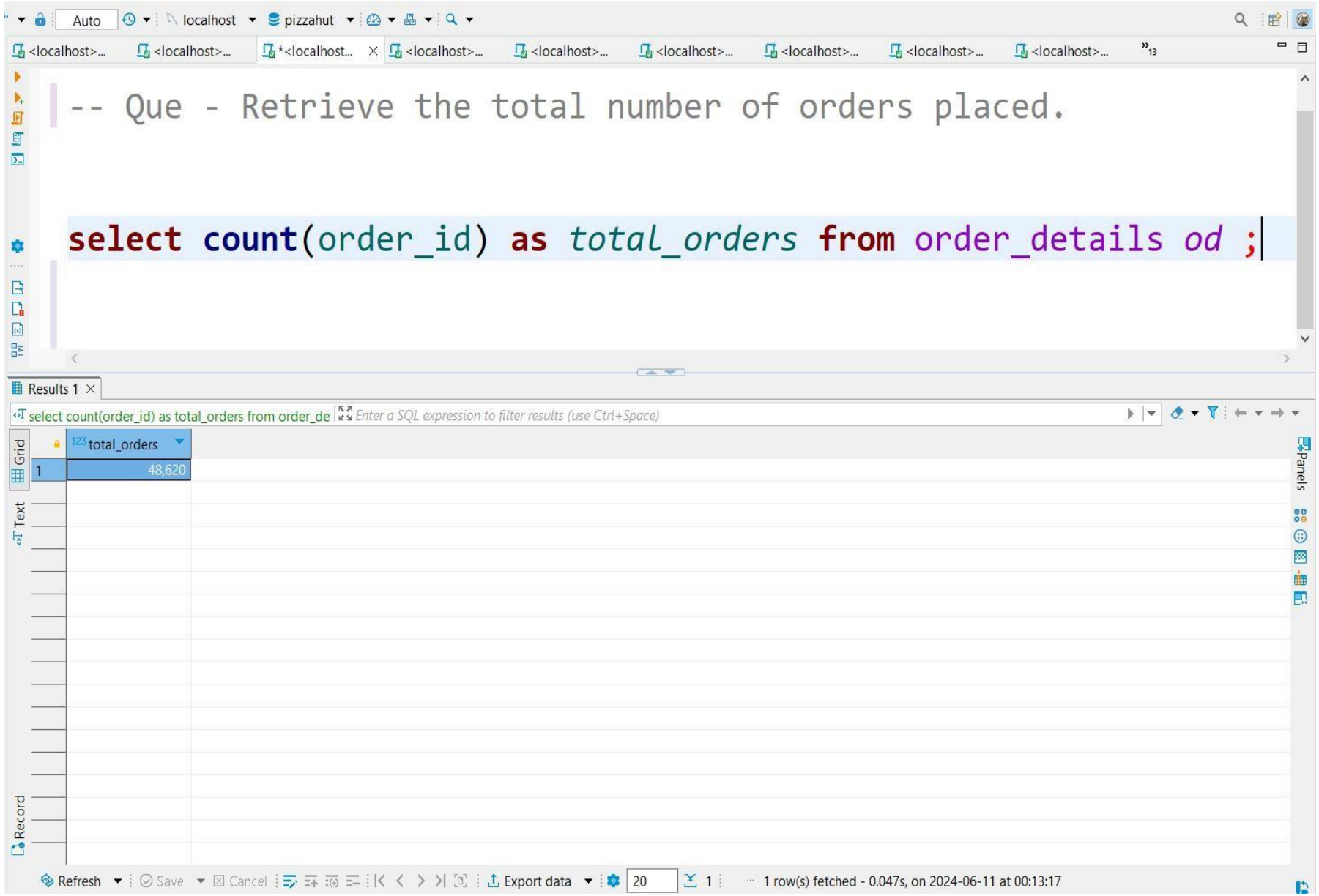
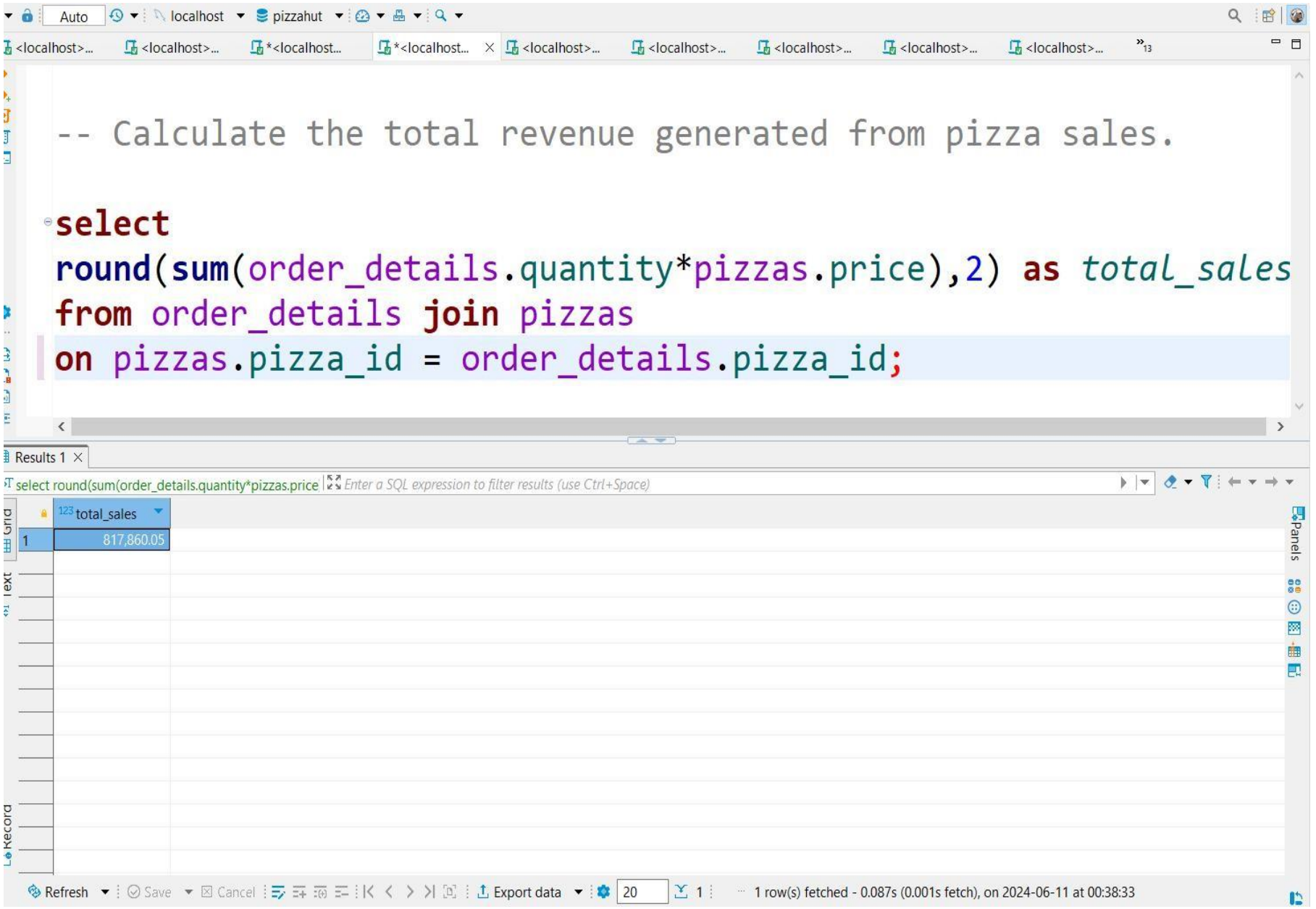
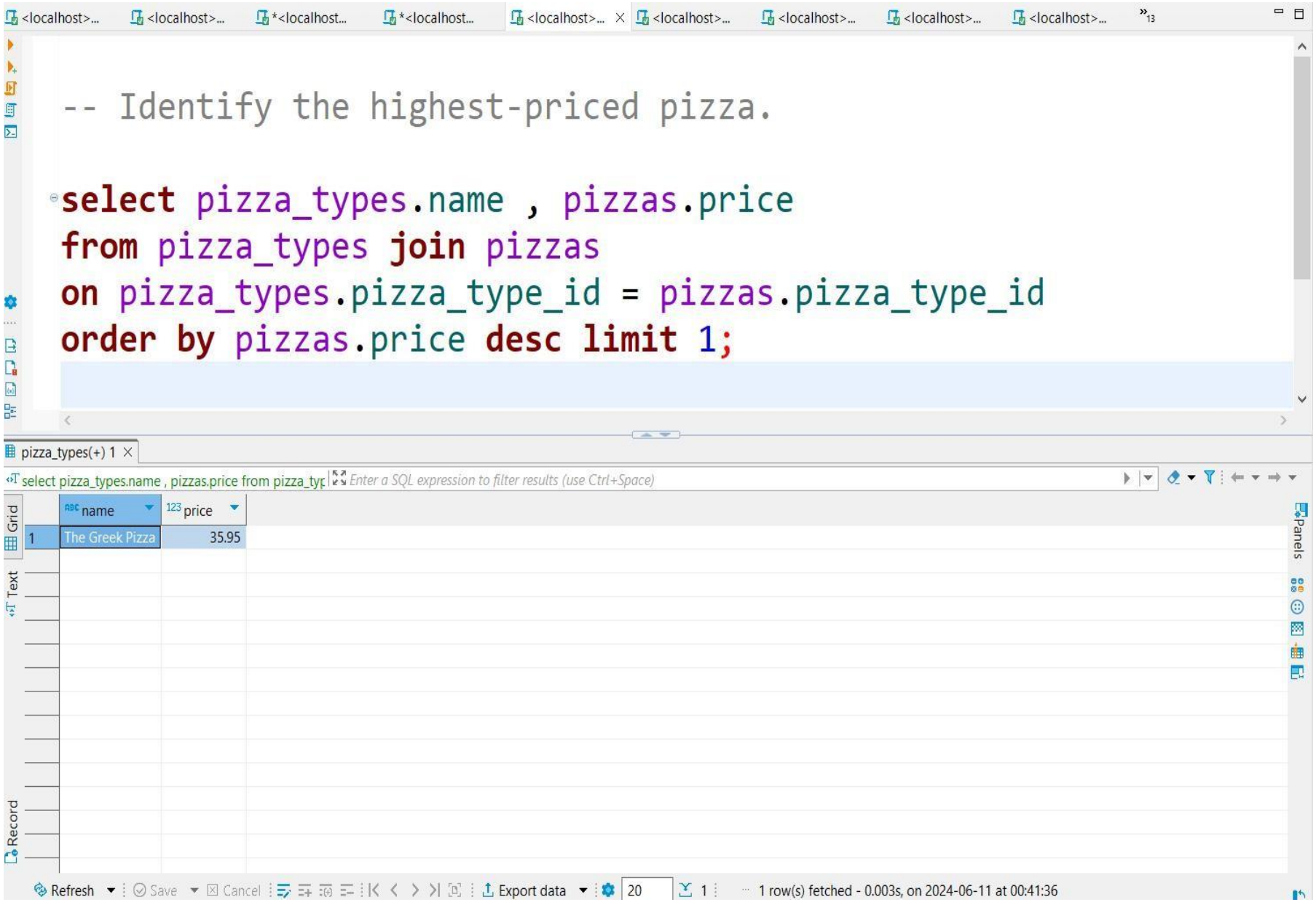
Pizza Hut

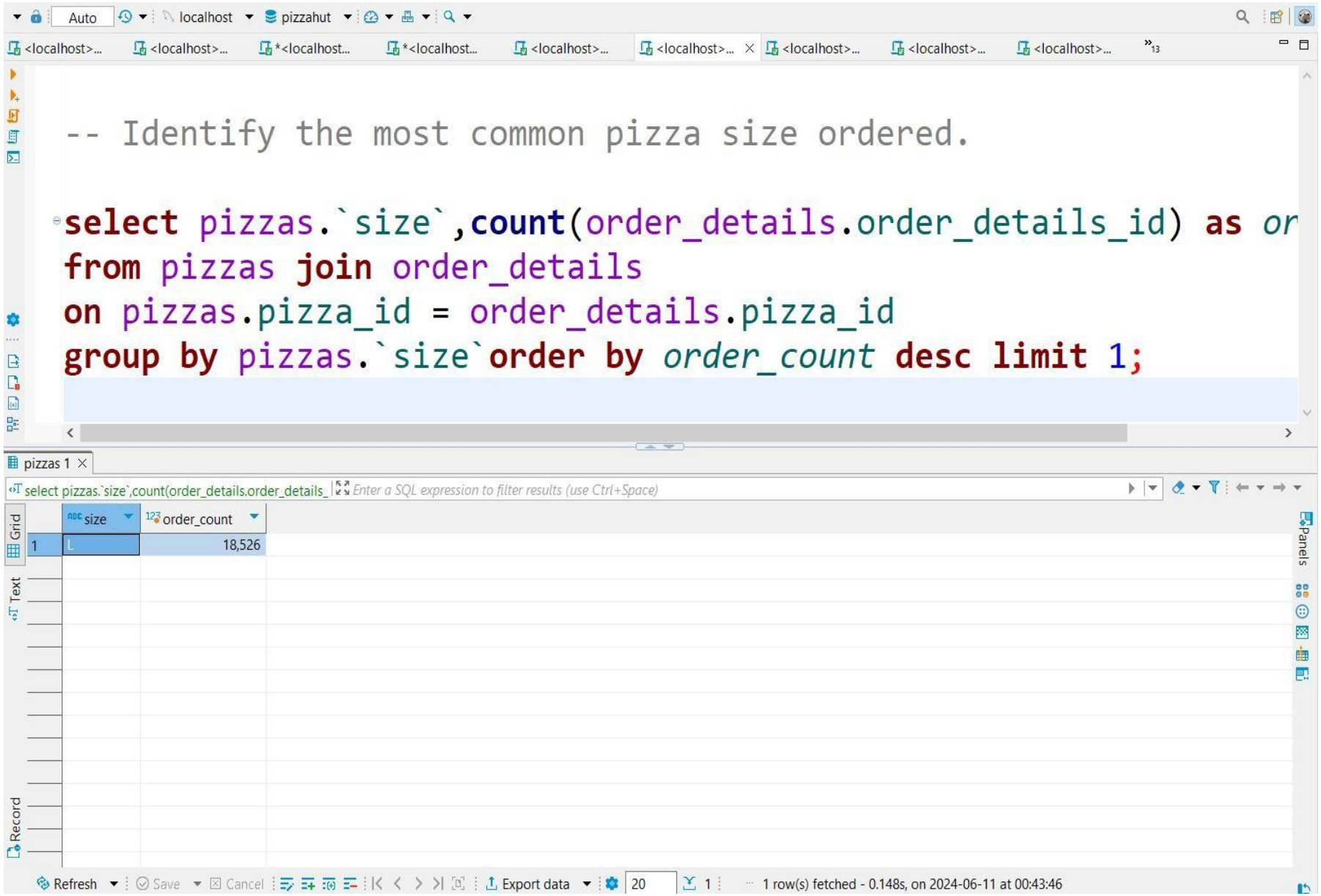
PROJECT NAME :-
PIZZA HUT SALE'S ANALYSIS WITH SQL

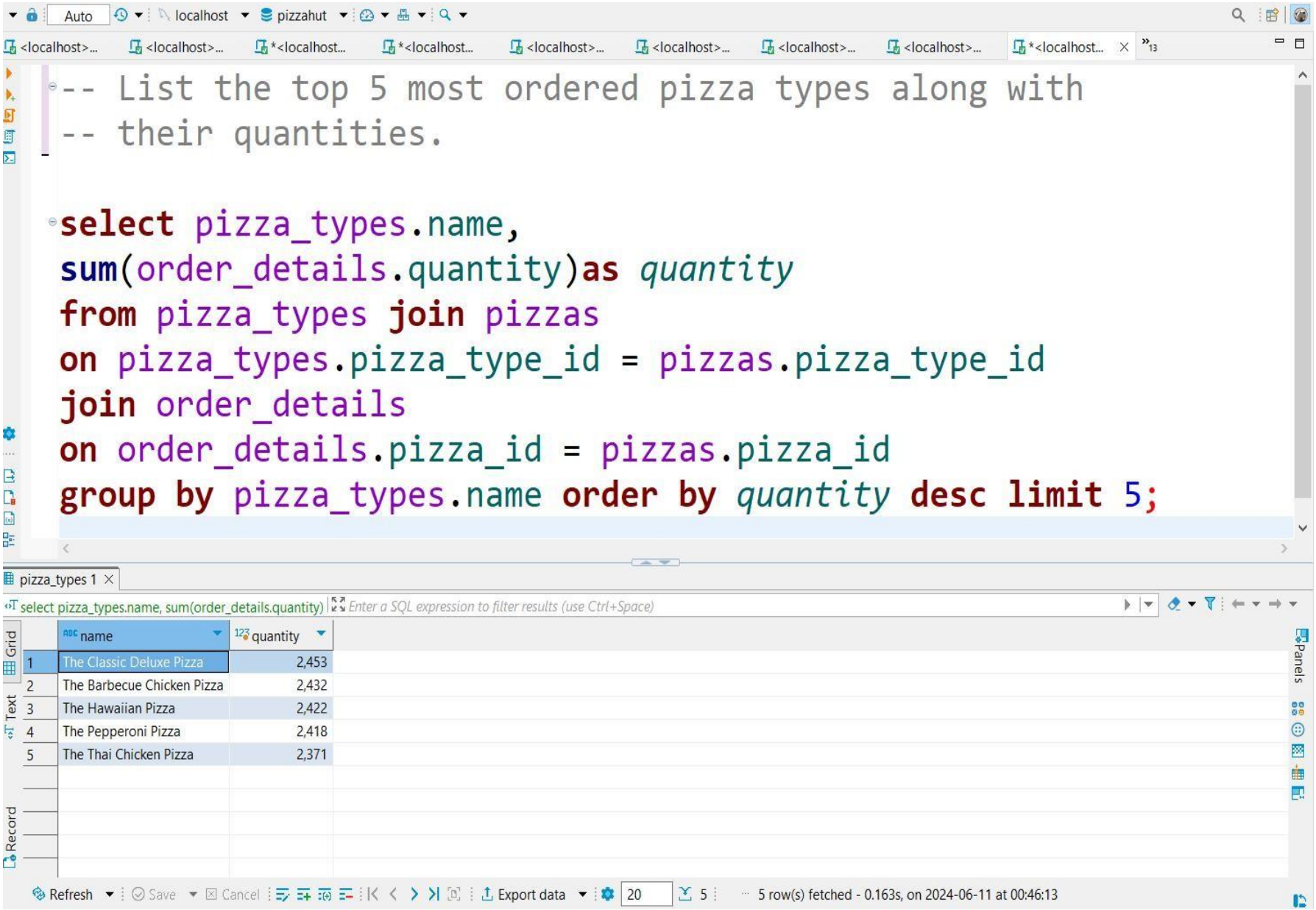
MAKED BY :-
SACHIN PATIL

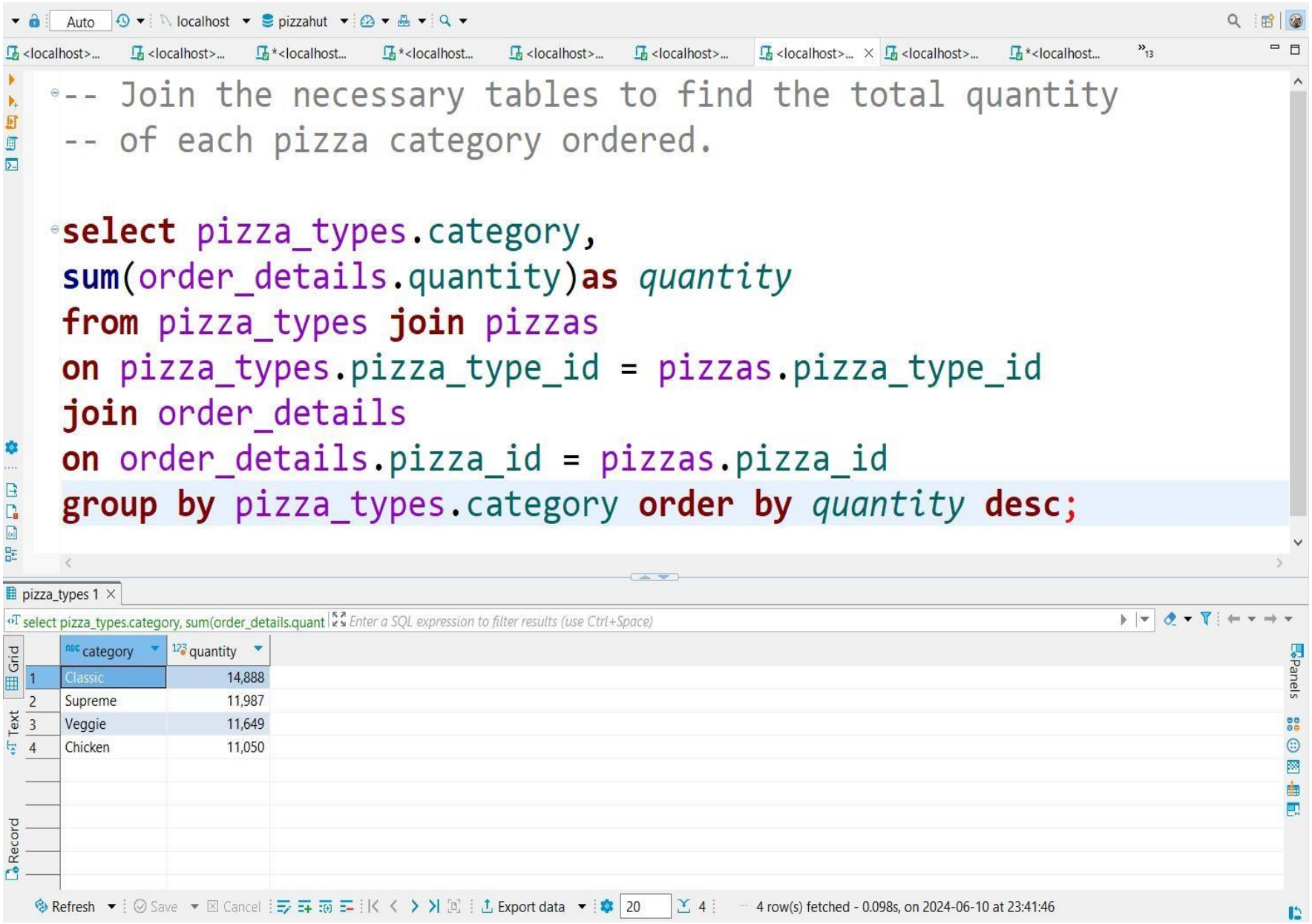

Auto
localhost
pizzahut
-- Que - Retrieve the total number of orders placed.
select count(order_id) as total_orders from order_details od ;
Results 1
select count(order_id) as total_orders from order_de
Enter a SQL expression to filter results (use Ctrl+Space)
total_orders
1
48,620
Grid
Text
Record
Panels
Refresh
Save
Cancel
Export data
20
1
1 row(s) fetched - 0.047s, on 2024-06-11 at 00:13:17

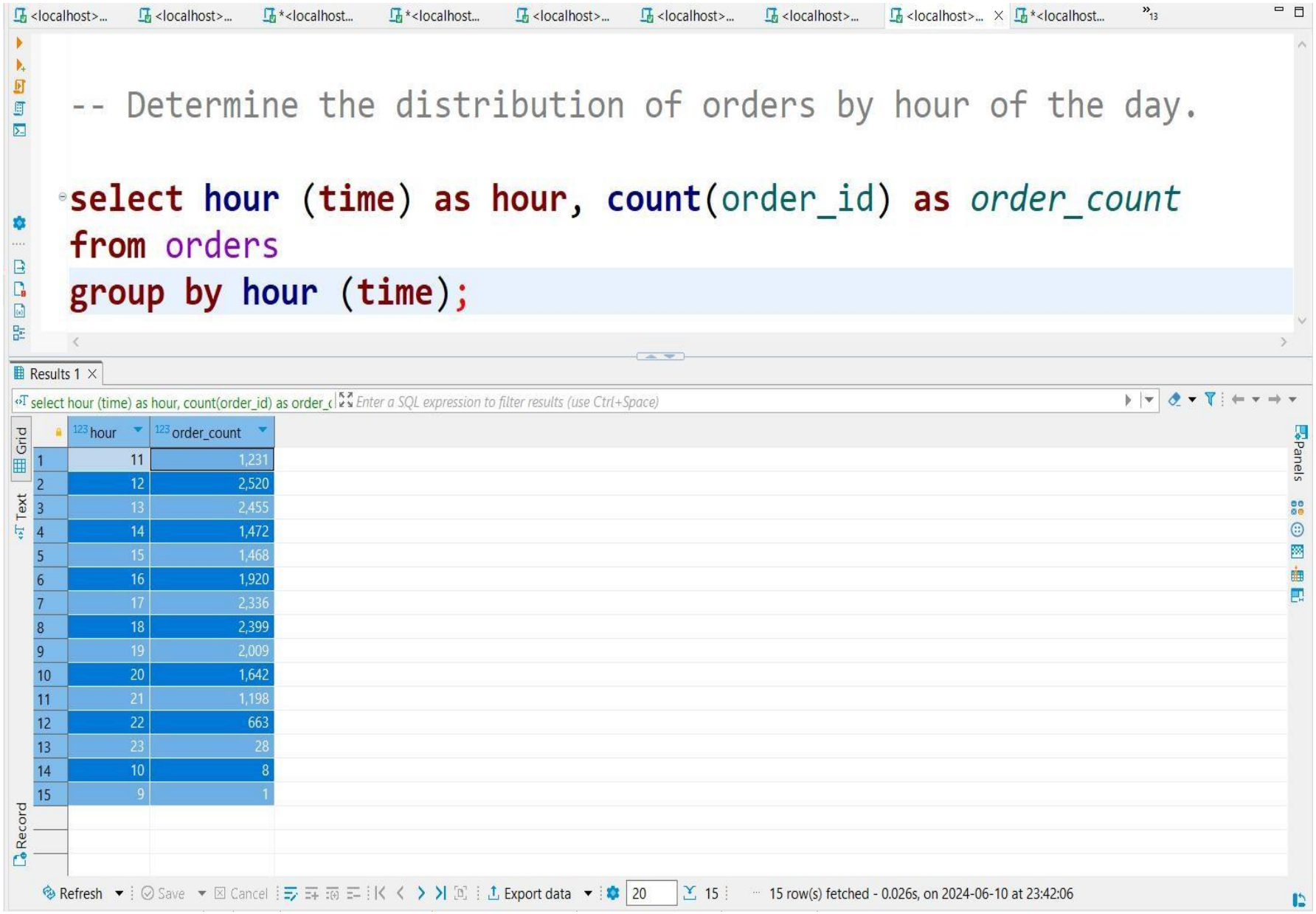

Auto
localhost
pizzahut
-- Calculate the total revenue generated from pizza sales.
select
round(sum(order_details.quantity*pizzas.price),2) as total_sales
from order_details join pizzas
on pizzas.pizza_id = order_details.pizza_id;
Results 1
select round(sum(order_details.quantity*pizzas.price
Enter a SQL expression to filter results (use Ctrl+Space)
total_sales
1
817,860.05
Refresh
Save
Cancel
Export data
20
1 row(s) fetched - 0.087s (0.001s fetch), on 2024-06-11 at 00:38:33

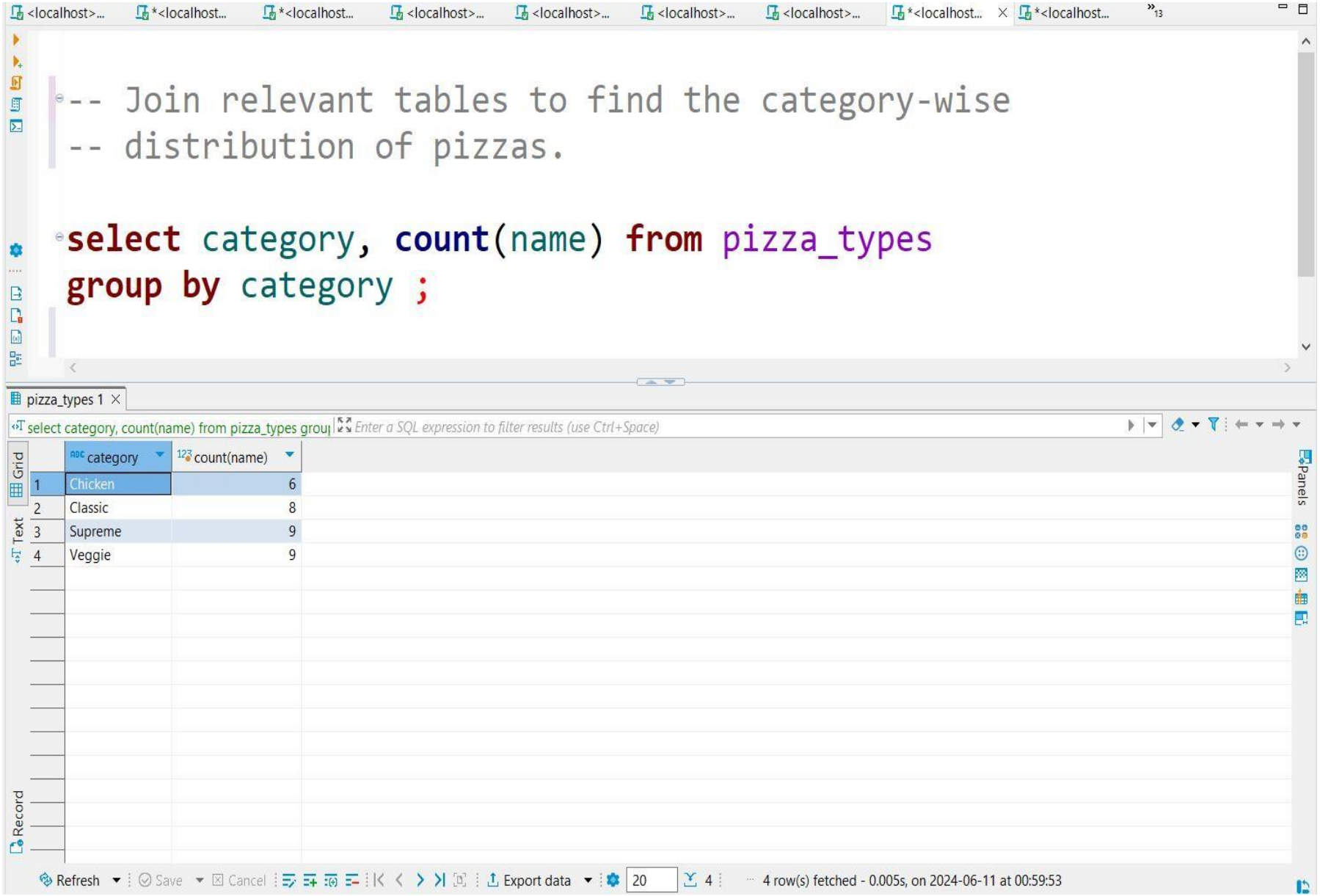

-- Identify the highest-priced pizza.
select pizza_types.name , pizzas.price
from pizza_types join pizzas
on pizza_types.pizza_type_id = pizzas.pizza_type_id
order by pizzas.price desc limit 1;
pizza_types(+) 1
select pizza_types.name , pizzas.price from pizza_typ
Enter a SQL expression to filter results (use Ctrl+Space)
name
price
1
The Greek Pizza
35.95
Grid
Text
Record
Panels
Refresh
Save
Cancel
Export data
20
1
1 row(s) fetched - 0.003s, on 2024-06-11 at 00:41:36

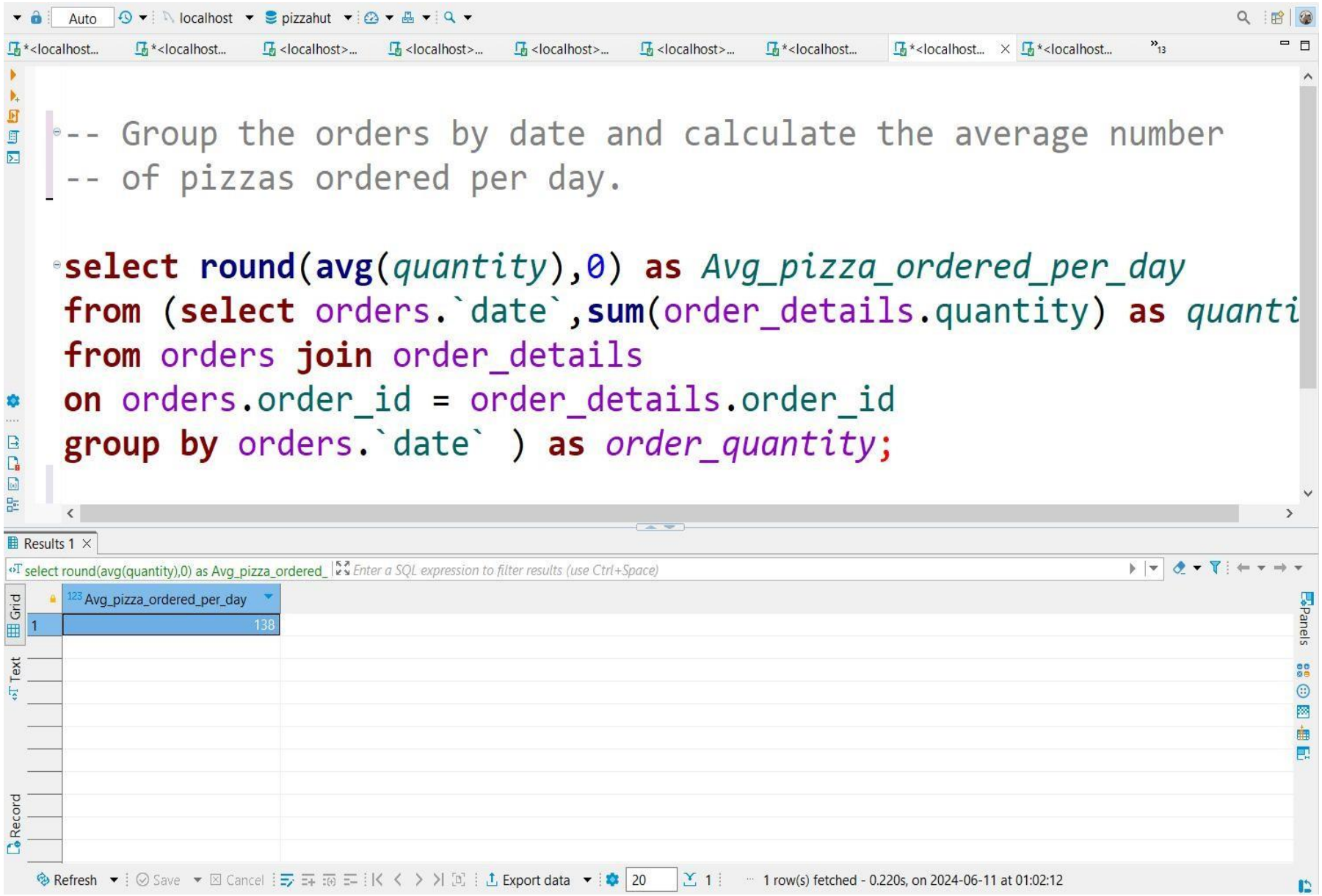

Auto
localhost
pizzahut
-- Identify the most common pizza size ordered.
select pizzas.`size`,count(order_details.order_details_id) as or
from pizzas join order_details
on pizzas.pizza_id = order_details.pizza_id
group by pizzas.`size`order by order_count desc limit 1;
pizzas 1
select pizzas.`size`,count(order_details.order_details_
Enter a SQL expression to filter results (use Ctrl+Space)
size
order_count
1
L
18,526
Grid
Text
Record
Panels
Refresh
Save
Cancel
Export data
20
1
1 row(s) fetched - 0.148s, on 00:43:46

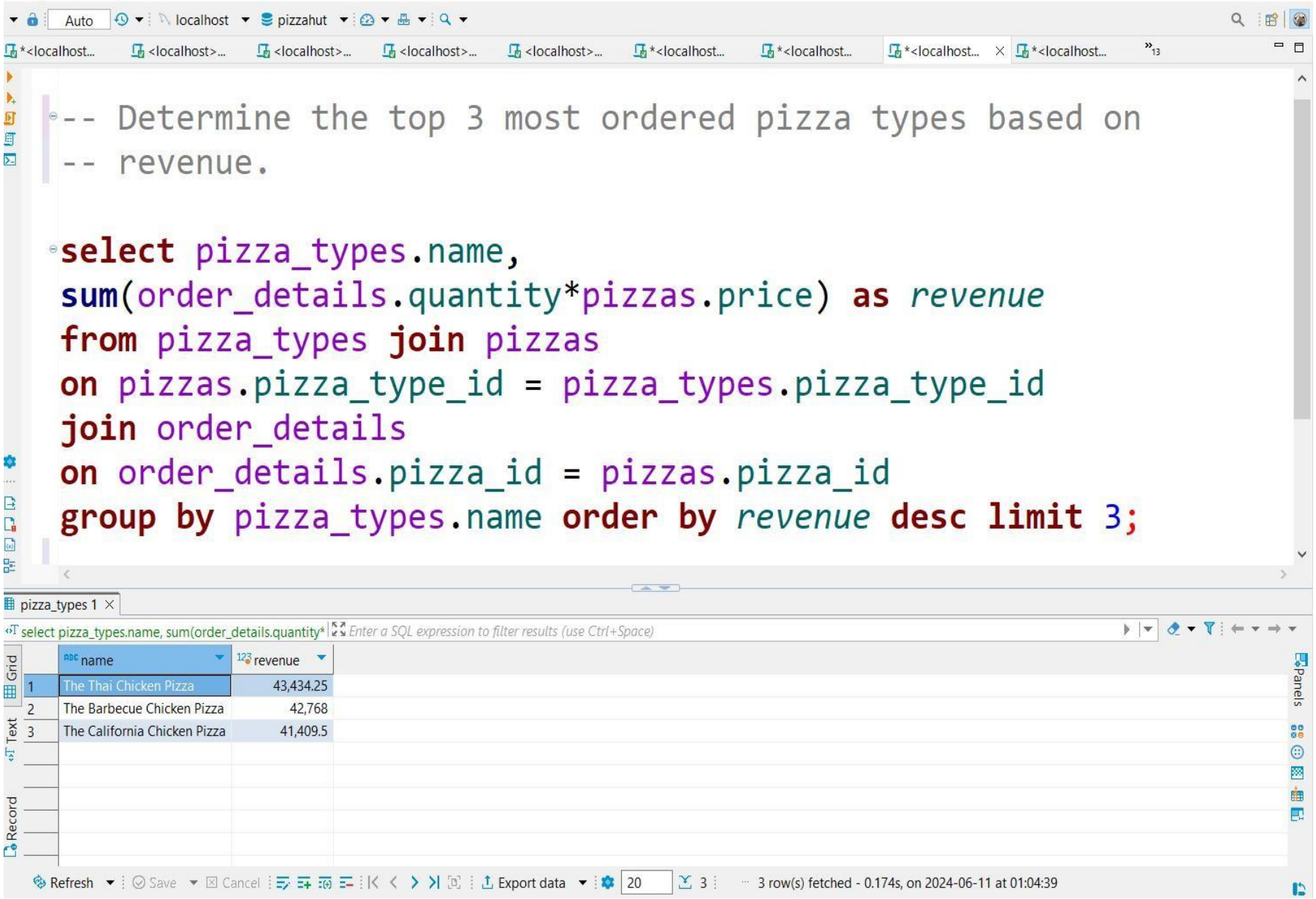

Auto
localhost
pizzahut
-- List the top 5 most ordered pizza types along with
-- their quantities.
select pizza_types.name,
sum(order_details.quantity)as quantity
from pizza_types join pizzas
on pizza_types.pizza_type_id = pizzas.pizza_type_id
join order_details
on order_details.pizza_id = pizzas.pizza_id
group by pizza_types.name order by quantity desc limit 5;
pizza_types 1
select pizza_types.name, sum(order_details.quantity)
Enter a SQL expression to filter results (use Ctrl+Space)
name
quantity
1 The Classic Deluxe Pizza 2,453
2 The Barbecue Chicken Pizza 2,432
3 The Hawaiian Pizza 2,422
4 The Pepperoni Pizza 2,418
5 The Thai Chicken Pizza 2,371
Refresh
Save
Cancel
Export data
20
5
5 row(s) fetched - 0.163s, on 2024-06-11 at 00:46:13

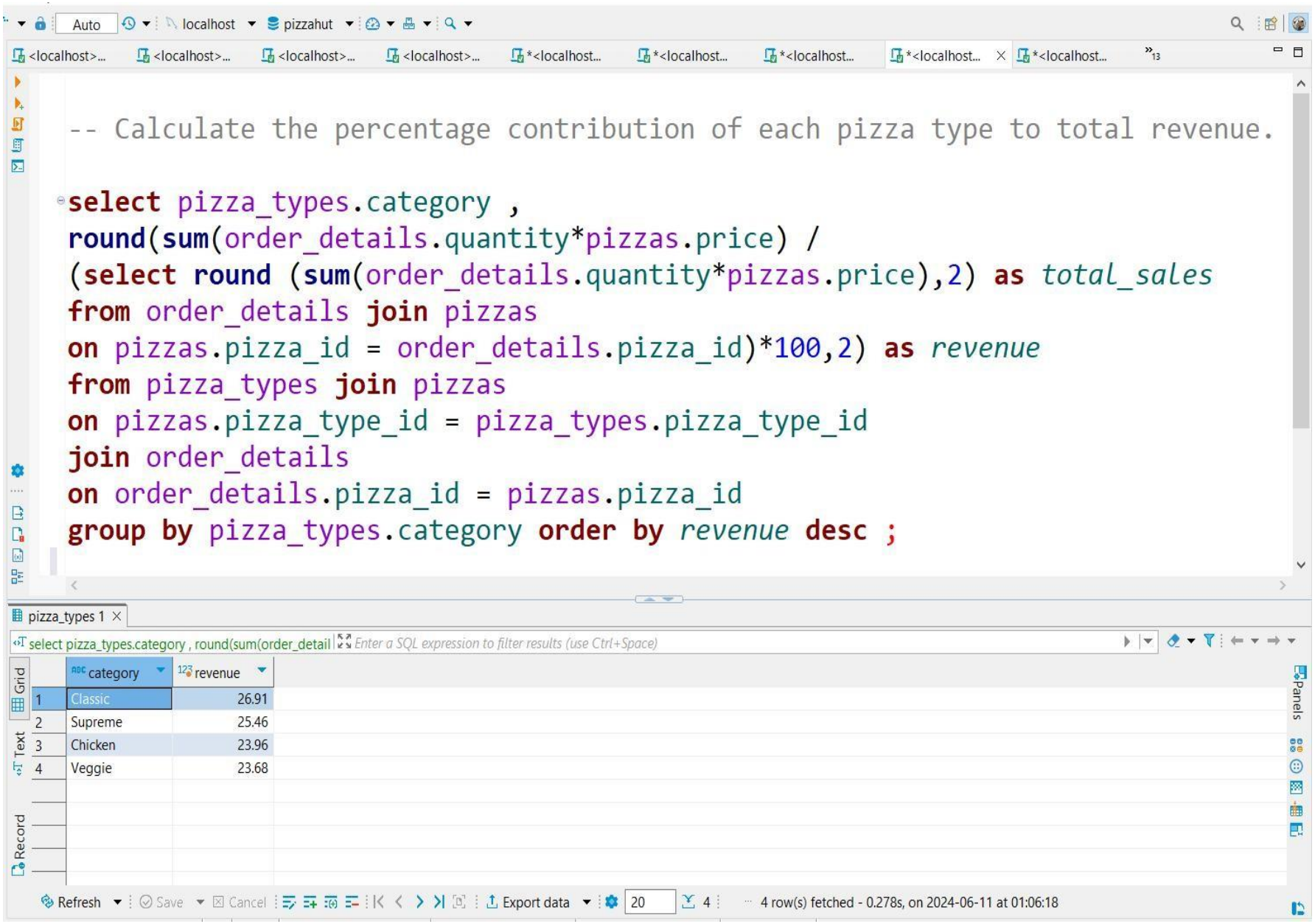

Auto
localhost
pizzahut
-- Join the necessary tables to find the total quantity
-- of each pizza category ordered.
select pizza_types.category,
sum(order_details.quantity)as quantity
from pizza_types join pizzas
on pizza_types.pizza_type_id = pizzas.pizza_type_id
join order_details
on order_details.pizza_id = pizzas.pizza_id
group by pizza_types.category order by quantity desc;
pizza_types 1
select pizza_types.category, sum(order_details.quant
Enter a SQL expression to filter results (use Ctrl+Space)
category
quantity
1 Classic 14,888
2 Supreme 11,987
3 Veggie 11,649
4 Chicken 11,050
Refresh
Save
Cancel
Export data
4 row(s) fetched - 0.098s, on 2024-06-10 at 23:41:46

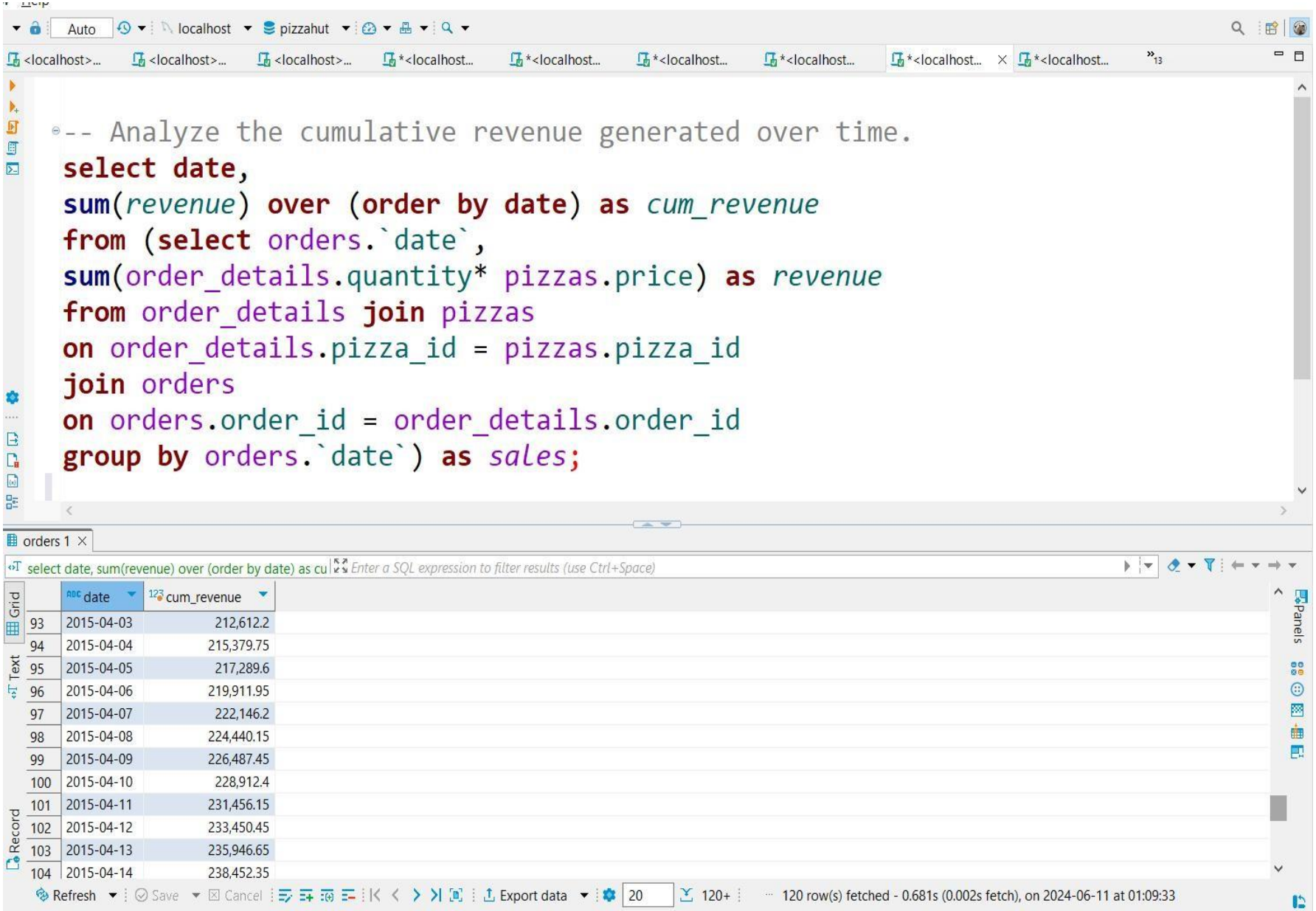

-- Determine the distribution of orders by hour of the day.
select hour (time) as hour, count(order_id) as order_count
from orders
group by hour (time);
Results 1
select hour (time) as hour, count(order_id) as order_c
Enter a SQL expression to filter results (use Ctrl+Space)
hour
order_count
1 11 1,231
2 12 2,520
3 13 2,455
4 14 1,472
5 15 1,468
6 16 1,920
7 17 2,336
8 18 2,399
9 19 2,009
10 20 1,642
11 21 1,198
12 22 663
13 23 28
14 10 8
15 9 1
Refresh
Save
Cancel
Export data
20
15
15 row(s) fetched - 0.026s, on 2024-06-10 at 23:42:06


-- Join relevant tables to find the category-wise
-- distribution of pizzas.
select category, count(name) from pizza_types
group by category ;
pizza_types 1
select category, count(name) from pizza_types grou
Enter a SQL expression to filter results (use Ctrl+Space)
category
count(name)
1 Chicken 6
2 Classic 8
3 Supreme 9
4 Veggie 9
Grid
Text
Record
Panels
Refresh
Save
Cancel
Export data
20
4
4 row(s) fetched - 0.005s, on 2024-06-11 at 00:59:53

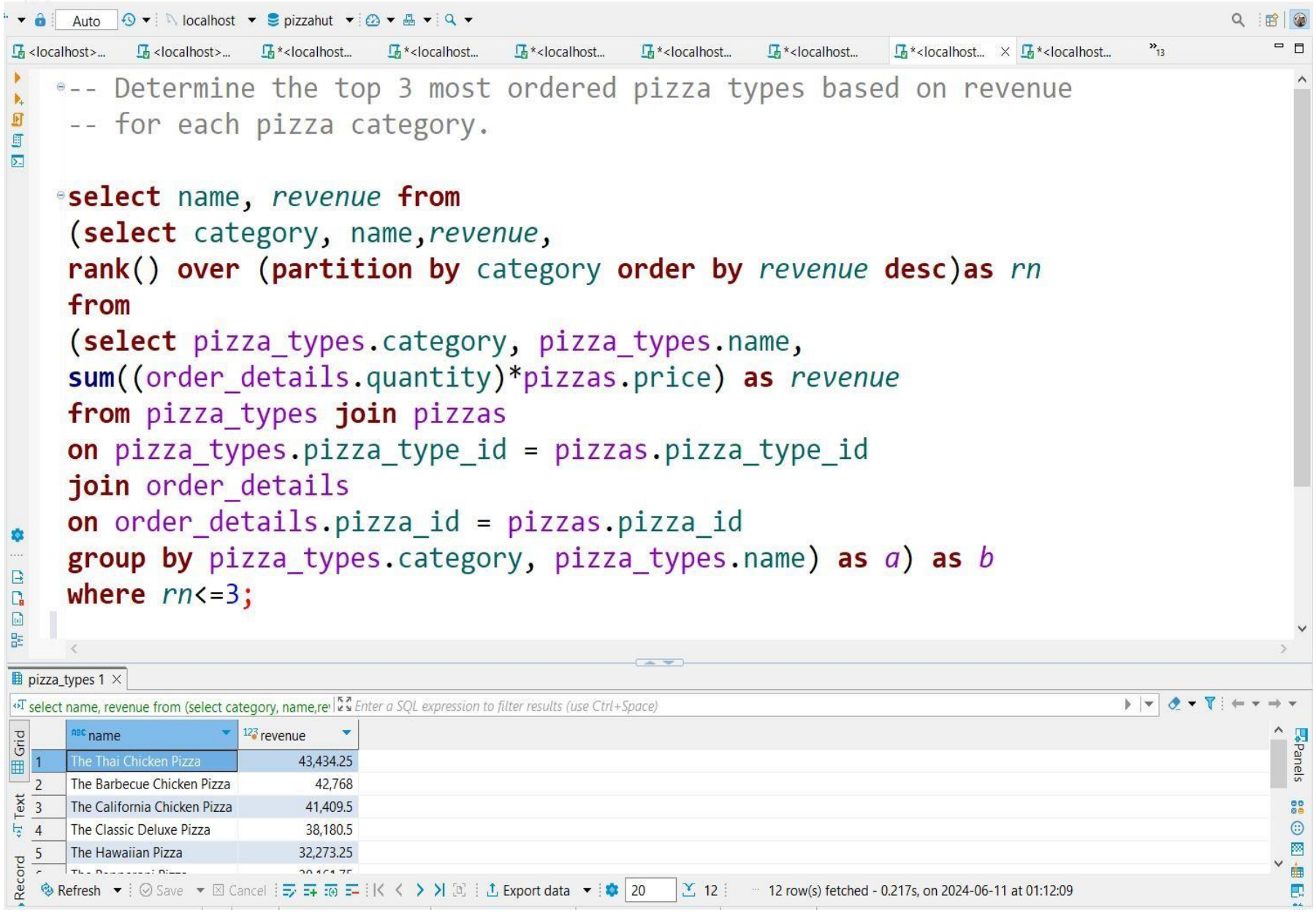

Auto
localhost
pizzahut
-- Group the orders by date and calculate the average number
-- of pizzas ordered per day.
select round(avg(quantity),0) as Avg_pizza_ordered_per_day
from (select orders.`date`,sum(order_details.quantity) as quanti
from orders join order_details
on orders.order_id = order_details.order_id
group by orders.`date`) as order_quantity;
Results 1
select round(avg(quantity),0) as Avg_pizza_ordered_
Enter a SQL expression to filter results (use Ctrl+Space)
Avg_pizza_ordered_per_day
1
138
Grid
Text
Record
Panels
Refresh
Save
Cancel
Export data
20
1
1 row(s) fetched - 0.220s, on 2024-06-11 at 01:02:12


Auto
localhost
pizzahut
-- Determine the top 3 most ordered pizza types based on
-- revenue.
select pizza_types.name,
sum(order_details.quantity*pizzas.price) as revenue
from pizza_types join pizzas
on pizzas.pizza_type_id = pizza_types.pizza_type_id
join order_details
on order_details.pizza_id = pizzas.pizza_id
group by pizza_types.name order by revenue desc limit 3;
pizza_types 1
select pizza_types.name, sum(order_details.quantity*
Enter a SQL expression to filter results (use Ctrl+Space)
name
revenue
1 The Thai Chicken Pizza 43,434.25
2 The Barbecue Chicken Pizza 42,768
3 The California Chicken Pizza 41,409.5
Refresh
Save
Cancel
Export data
20
3
3 row(s) fetched - 0.174s, on 2024-06-11 at 01:04:39


-- Calculate the percentage contribution of each pizza type to total revenue.
select pizza_types.category ,
round(sum(order_details.quantity*pizzas.price) /
(select round (sum(order_details.quantity*pizzas.price),2) as total_sales
from order_details join pizzas
on pizzas.pizza_id = order_details.pizza_id)*100,2) as revenue
from pizza_types join pizzas
on pizzas.pizza_type_id = pizza_types.pizza_type_id
join order_details
on order_details.pizza_id = pizzas.pizza_id
group by pizza_types.category order by revenue desc ;
pizza_types 1
category
revenue
1 Classic 26.91
2 Supreme 25.46
3 Chicken 23.96
4 Veggie 23.68
4 row(s) fetched - 0.278s, on 2024-06-11 at 01:06:18



	date	cum_revenue
93	2015-04-03	212,612.2
94	2015-04-04	215,379.75
95	2015-04-05	217,289.6
96	2015-04-06	219,911.95
97	2015-04-07	222,146.2
98	2015-04-08	224,440.15
99	2015-04-09	226,487.45
100	2015-04-10	228,912.4
101	2015-04-11	231,456.15
102	2015-04-12	233,450.45
103	2015-04-13	235,946.65
104	2015-04-14	238,452.35


Auto
localhost
pizzahut
-- Determine the top 3 most ordered pizza types based on revenue
-- for each pizza category.
select name, revenue from
(select category, name,revenue,
rank() over (partition by category order by revenue desc)as rn
from
(select pizza_types.category, pizza_types.name,
sum((order_details.quantity)*pizzas.price) as revenue
from pizza_types join pizzas
on pizza_types.pizza_type_id = pizzas.pizza_type_id
join order_details
on order_details.pizza_id = pizzas.pizza_id
group by pizza_types.category, pizza_types.name) as a) as b
where rn<=3;
pizza_types 1
select name, revenue from (select category, name,re
Enter a SQL expression to filter results (use Ctrl+Space)
name
revenue
1 The Thai Chicken Pizza 43,434.25
2 The Barbecue Chicken Pizza 42,768
3 The California Chicken Pizza 41,409.5
4 The Classic Deluxe Pizza 38,180.5
5 The Hawaiian Pizza 32,273.25
Refresh
Save
Cancel
Export data
20
12
12 row(s) fetched - 0.217s, on 2024-06-11 at 01:12:09