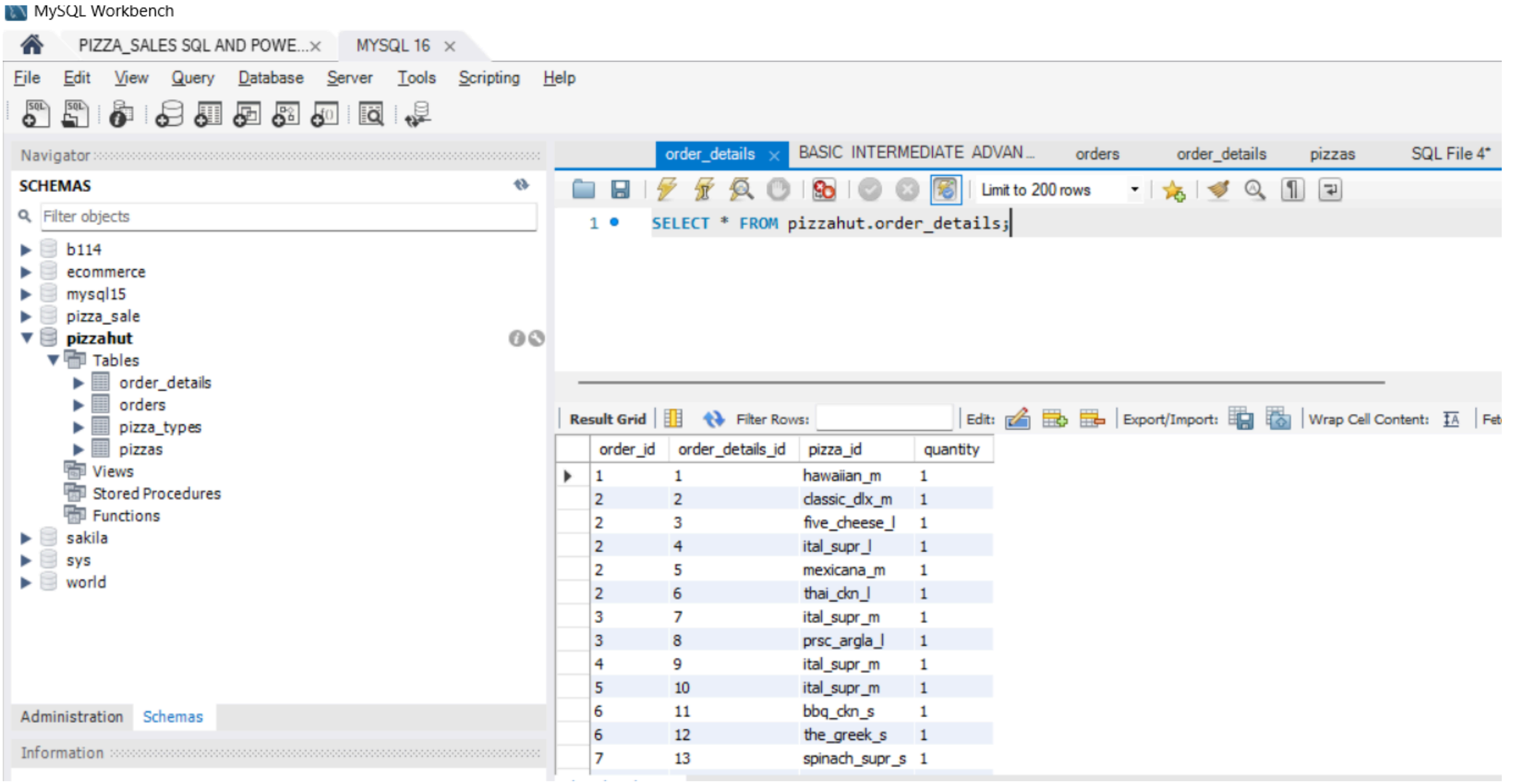
MySQL Workbench
PIZZA_SALES SQL AND POWE...
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BASIC INTERMEDIATE ADVAN...
orders
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SQL File 4*
Limit to 200 rows
1 SELECT * FROM pizzahut.order_details;
Result Grid
Filter Rows:
Edit:
Export/Import:
Wrap Cell Content:
order_id order_details_id pizza_id quantity
1 1 hawaiian_m 1
2 2 classic_dlx_m 1
2 3 five_cheese_l 1
2 4 ital_supr_l 1
2 5 mexicana_m 1
2 6 thai_ckn_l 1
3 7 ital_supr_m 1
3 8 prsc_argla_l 1
4 9 ital_supr_m 1
5 10 ital_supr_m 1
6 11 bbq_ckn_s 1
6 12 the_greek_s 1
7 13 spinach_supr_s 1

```
1 •    SELECT * FROM pizzahut.order_details;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: | Fetch

order_id	order_details_id	pizza_id	quantity
1	1	hawaiian_m	1
2	2	classic_dlx_m	1
2	3	five_cheese_l	1
2	4	ital_supr_l	1
2	5	mexicana_m	1
2	6	thai_ckn_l	1
3	7	ital_supr_m	1
3	8	prsc_argla_l	1
4	9	ital_supr_m	1
5	10	ital_supr_m	1
6	11	bbq_ckn_s	1
6	12	the_greek_s	1
7	13	spinach_supr_s	1

```sql
-- Retrieve the total number of orders placed.

select count(order_id) from orders;




-- Calculate the total revenue generated from pizza sales.
```

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

count(order_id)
21350

```sql
-- 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;
```

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

total_sales
817860.05

```
24        -- Identify the highest-priced pizza.
25        use pizzahut;
26
27        select pizza_types.name, pizzas.price
28        from pizza_types join pizzas
29        on pizza_types.pizza_type_id = pizzas.pizza_type_id
30        order by pizzas.price desc limit 1;
31
32        OR
```

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

name	price
The Greek Pizza	35.95

```sql
-- Identify the most common pizza size ordered.
select pizzas.size, count(order_details.order_details_id) as order_count
from pizzas join order_details
on pizzas.pizza_id = order_details.pizza_id
group by pizzas.size order by order_count desc;


-- List the top 5 most ordered pizza types
```

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

size	order_count
L	18526
M	15385
S	14137
XL	544
XXL	28

```sql
-- 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;
```

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

```sql
-- Join the necessary tables to find
-- the total quantity of each pizza category CATEGORY.

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;
```

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

category	quantity
Classic	14888
Supreme	11987
Veggie	11649
Chicken	11050

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

select category, count(name) from pizza_types
group by category;


-- Group the orders by date
```

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

category	count(name)
Chicken	6
Classic	8
Supreme	9
Veggie	9

```sql
-- 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;
```

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

name	revenue
The Thai Chicken Pizza	43434.25
The Barbecue Chicken Pizza	42768
The California Chicken Pizza	41409.5

```sql
-- 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) * 100,0) 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;
```

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

category	revenue
Classic	27
Supreme	25
Veggie	24
Chicken	24