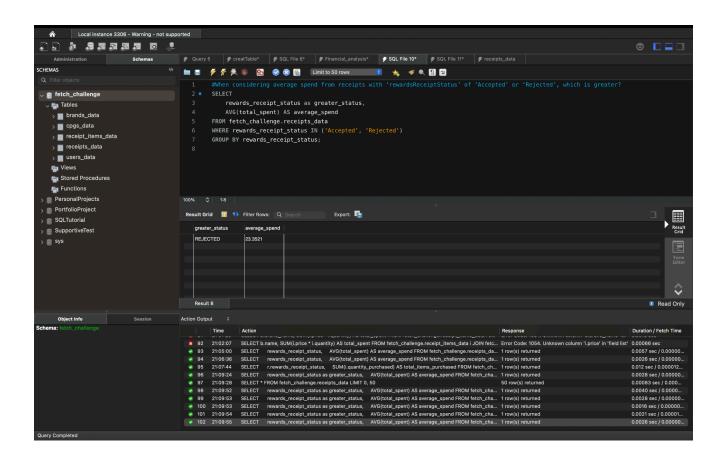
Task 2

Below are the queries that directly answer 2 of the given predetermined questions from a business stakeholder.

1. When considering *average spend* from receipts with 'rewardsReceiptStatus' of 'Accepted' or 'Rejected', which is greater?



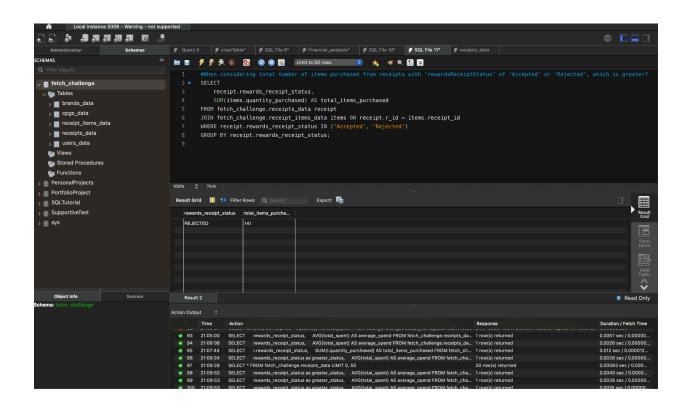
Query 1:

SELECT

```
rewards_receipt_status as greater_status,
   AVG(total_spent) AS average_spend
FROM fetch_challenge.receipts_data
WHERE rewards_receipt_status IN ('Accepted', 'Rejected')
GROUP BY rewards_receipt_status;
```

For answering this question, I have averaged the total_spent values from the table receipts_data for both the status individually. However, there is no receipt with the status 'Accepted' in the table and hence, we see that the average spend amount is greater by default for the receipt status 'Rejected'.

2. When considering the total *number of items purchased* from receipts with 'rewardsReceiptStatus' of 'Accepted' or 'Rejected', which is greater?



Query 2:

SELECT

receipt.rewards_receipt_status,
SUM(items.quantity_purchased) AS total_items_purchased
FROM fetch_challenge.receipts_data receipt
JOIN fetch_challenge.receipt_items_data items ON receipt.r_id = items.receipt_id
WHERE receipt.rewards_receipt_status IN ('Accepted', 'Rejected')
GROUP BY receipt.rewards_receipt_status;