

Question-3:

When considering average spending from receipts with 'rewardsReceiptStatus' of 'Accepted' or 'Rejected', which is greater?

Query:

```
WITH AcceptedReceipts AS (  
    SELECT TotalSpent  
    FROM `isentropic-disk-416201.Rewards.receipts`  
    WHERE rewardsReceiptStatus = 'Accepted'  
)  
RejectedReceipts AS (  
    SELECT TotalSpent  
    FROM `isentropic-disk-416201.Rewards.receipts`  
    WHERE rewardsReceiptStatus = 'Rejected'  
)  
SELECT 'Accepted' AS status, AVG(TotalSpent) AS average_spend  
FROM AcceptedReceipts  
UNION ALL  
SELECT 'Rejected' AS status, AVG(TotalSpent) AS average_spend  
FROM RejectedReceipts;
```

Result:

The average spend for receipts with 'Accepted' status: 80.85430501930502

The average spend for receipts with 'Rejected' status: 23.32605633802817

Question-4:

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

Query:

```
WITH AcceptedReceipts AS (  
    SELECT SUM(CAST(rril.quantityPurchased AS INT64)) AS total_items  
    FROM `isentropic-disk-416201.Rewards.rewardsReceiptItemList` rril  
    JOIN `isentropic-disk-416201.Rewards.receipts` r  
    ON r._id__oid = rril._id__oid  
    WHERE r.rewardsReceiptStatus = 'Finished'  
)  
RejectedReceipts AS (  
    SELECT SUM(CAST(rril.quantityPurchased AS INT64)) AS total_items  
    FROM `isentropic-disk-416201.Rewards.rewardsReceiptItemList` rril  
    JOIN `isentropic-disk-416201.Rewards.receipts` r  
    ON r._id__oid = rril._id__oid  
    WHERE r.rewardsReceiptStatus = 'Rejected'  
)  
SELECT 'Finished' AS status, COALESCE(total_items, 0) AS total_items_purchased  
FROM AcceptedReceipts  
UNION ALL  
SELECT 'Rejected' AS status, COALESCE(total_items, 0) AS total_items_purchased  
FROM RejectedReceipts;
```

Result:

Total number of items purchased from receipts with 'Rejected' status: 173.0

Total number of items purchased from receipts with 'FINISHED' status: 8184.0