

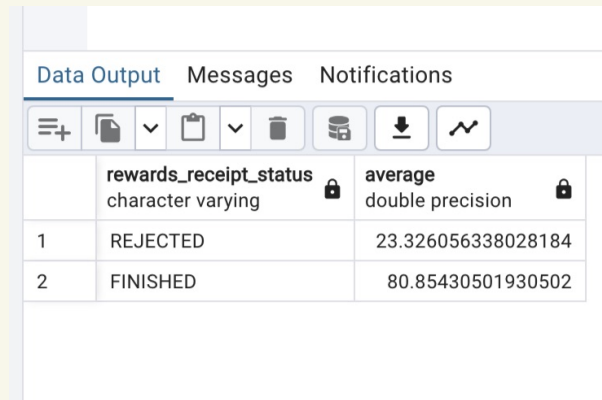
Business questions

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

Ans:- The answer is "Accepted"

→ Data Concern:- Since there is no thing as "Accepted" in the data column.

→ Assumed "Accepted" as "finished" and performed queries

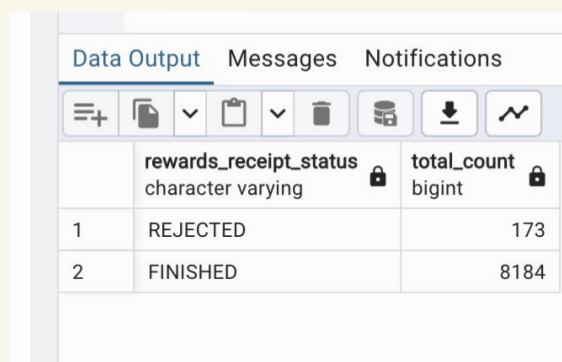


The screenshot shows a data table with two columns: 'rewards_receipt_status' (character varying) and 'average' (double precision). The table has two rows of data.

	rewards_receipt_status character varying	average double precision
1	REJECTED	23.326056338028184
2	FINISHED	80.85430501930502

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

A:- The answer is again "finished" or "Accepted"



The screenshot shows a data table with two columns: 'rewards_receipt_status' (character varying) and 'total_count' (bigint). The table has two rows of data.

	rewards_receipt_status character varying	total_count bigint
1	REJECTED	173
2	FINISHED	8184

Questions:-

- What are the top 5 brands by receipts scanned for most recent month?
- How does the ranking of the top 5 brands by receipts scanned for the recent month compare to the ranking for the previous month?
- Which brand has the most spend among users who were created within the past 6 months?
- Which brand has the most transactions among users who were created within the past 6 months?

→ The questions needed further information and proper data model relation to get answered

→ Since, the table "brand" didn't have a proper relation in the data model

→ Posed questions in the email regarding this table

→ Able to join them using joins but ended up having nulls & incomplete or inconsistent data

→ To make the table excluded joins

→ The data discrepancies are discussed in the email, check the email and programming files for info.