## Practice over the analytics database

see: https://claude.ai/chat/adb8af65-4644-44e1-82bd-1c3b21ebe207

Requests over sample\_analytics, ordered by complexity:

- 1. Find the total number of transactions per account
- 2. List all customers with their account balances
- 3. Find accounts with transactions over \$10,000
- 4. Calculate the average transaction amount by product type
- 5. Identify customers who have multiple accounts
- 6. Find the top 3 accounts with highest transaction volume in each product category
- 7. List customers who made transactions in foreign currencies, showing their home currency
- 8. Calculate monthly transaction totals per account, showing account type and customer name
- 9. Identify accounts with unusual transaction patterns (frequency or amount significantly above average)
- Generate a customer activity report showing: total accounts, transaction volume, average transaction size, and most used transaction types - grouped by customer organization

Let's do the first 3 queries:

## **Total transactions per account:**

## **Customers with account balances:**

## **Accounts with large transactions:**