## Objective

**SOL: INTERMEDIATE** 

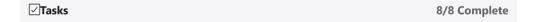
## **Cryptocurrency Exchange**

Fiddy Cent is a digital currency exchange headquartered in Neo Tokyo. They broker exchanges of Bitcoin, Bitcoin Cash, Ethereum, and Litecoin with fiat currencies in around 50 countries.

Help them analyze their January ledger data using SQL aggregate functions! You are given the transactions table, which contains both money-in and money-out transactions.

Let's get started!

If you get stuck during this project or would like to see an experienced developer work through it, click "**Get Help**" to see a **project walkthrough video**.



Mark the tasks as complete by checking them off

## Write the following queries:

✓ 1. Let's start by checking out the whole transactions table:



What are the column names?

Stuck? Get a hint

Y 2. The money\_in column records the amount (in USD) the user bought.
What is the total money\_in in the table?



✓ 3. The money\_out column records the amount (in USD) the user sold.

What is the total money\_out in the table?



✓ 4. It was reported that <u>Bitcoin</u>dominates Fiddy Cent's exchange. Let's see if it is true within these dates by answering two questions:

How many money\_in transactions are in this table?

How many money\_in transactions are in this table where 'BIT' is the currency?



 $\checkmark$  5. What was the largest transaction in this whole table?

Was it money in Or money out?



✓ 6. What is the average money\_in in the table for the currency Ethereum ('ETH')?



7. Let's build a ledger for the different dates.

Select date, average money\_in, and average money\_out from the table.

And group everything by date.

Stuck? Get a hint

To make the previous query easier to read, round the averages to 2 decimal places.

Give the column aliases using As for readability.