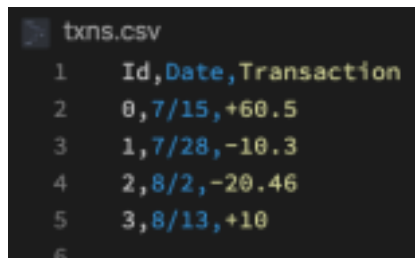# Stori Software Engineer Technical Challenge

Thanks for your interest in joining Stori. At this stage, we ask you to solve the following challenge. Best of luck!

For this challenge you must create a system that processes a file from a mounted directory. The file will contain a list of debit and credit transactions on an account. Your function should process the file and send summary information to a user in the form of an email.

An example file is shown below; but create your own file for the challenge. Credit transactions are indicated with a plus sign like +60.5. Debit transactions are indicated by a minus sign like -20.46

We prefer that you code in Python or Golang; but other languages are ok too. Package your code in one or more Docker images. Include any build or run scripts, Dockerfiles or docker-compose files needed to build and execute your code.

Bonus points
1. Save transaction and account info to a database
2. Style the email and include Stori's logo
3. Package and run code on a cloud platform like AWS. Use AWS Lambda and S3 in lieu of Docker.

Delivery and code requirements
Your project must meet these requirements:

1. The summary email contains information on the total balance in the account, the number of transactions grouped by month, and the average credit and average debit amounts grouped by month. Using the transactions in the image above as an example, the summary info would be

Total balance is 39.74   Include the file you create in CSV format.
Number of transactions in July: 2
Number of transactions in August: 2 2.   Average debit amount: -15.38 Average credit
                                                amount: 35.25

3. Code is versioned in a git repository. The README.md file should describe the code interface and instructions on how to execute the code.

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