REPORT ON API INTEGRATIONS FOR AUTOMATED ACCOUNT STATEMENT RETRIEVAL

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Collection of Dataset:

I collected datasets comprising various types of financial documents from banks. Examples of these documents include:

- Bank Statements

- Profit and Loss Statements

- Balance Sheets

- Payslips

- Passbooks

- Affidavit Documents

- Other relevant financial documents

Web Scraping:

I developed a Python script for web scraping that only requires a single URL to download related images and extract information. This automated process allows for efficient data collection from web sources, ensuring that relevant data is retrieved quickly and accurately.

Database:

- The dataset was uploaded to a cloud-based database for secure and scalable storage.

- I utilized Amazon AWS as the database platform, specifically leveraging its S3 (Simple Storage Service) to store and manage the collected financial documents.

- Finally, I wrote a Python script to fetch data from the AWS S3 bucket, ensuring seamless integration between the storage solution and data retrieval process.