

DATAMATICS
TruBot

DATAMATICS
TruCap⁺

Automation of Receipt Data Entry

Team ID is Data-230436



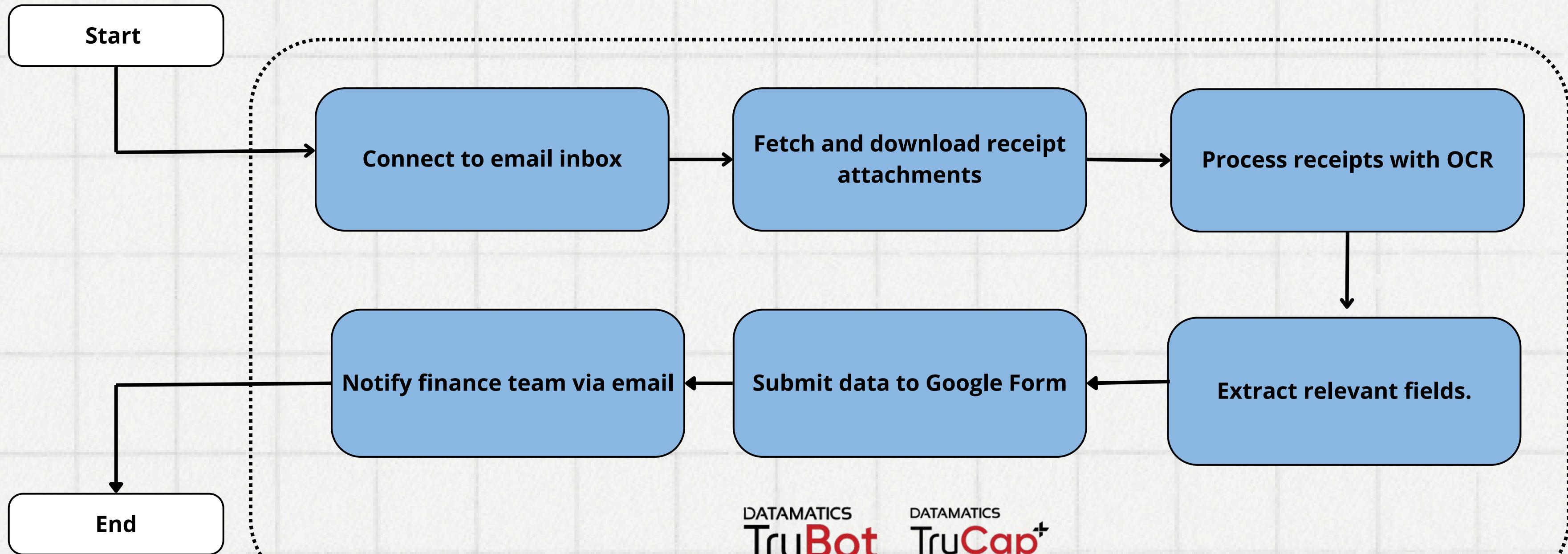
Introduction:

This project automates the extraction and data entry of food and petrol bill receipts using Datamatics TruBot and TruCap+, aiming to reduce manual tasks and enhance accuracy.

Objective

- Automate the extraction and data entry of receipt details from emails.
- Minimize manual work for the finance team.

Proposed Solution



DATAMATICS
TruBot

DATAMATICS
TruCap⁺

Define Patterns for Extraction

Receipt Date

Common Formats: Look for dates in formats like **MM/DD/YYYY**, **DD/MM/YYYY**, or **Month Day Year**

Receipt Number

Common Formats: Receipt numbers can be alphanumeric or numeric, often prefixed or suffixed by certain keywords (like "**Receipt No**", "**Invoice #**")

Vendor Name

Common Indicators: Look for keywords like "**Vendor**", "**Supplier**", or simply the name that usually appears at the top of the receipt.

Total Amount

Common Formats: Total amounts are usually preceded by the word "**Total**" or "\$", "£", etc.

Items Purchased

Common Formats: Items are usually listed under a section labeled "**Items**", "**Purchased**", or similar. You may need to extract lines of text following such headers until the total amount.

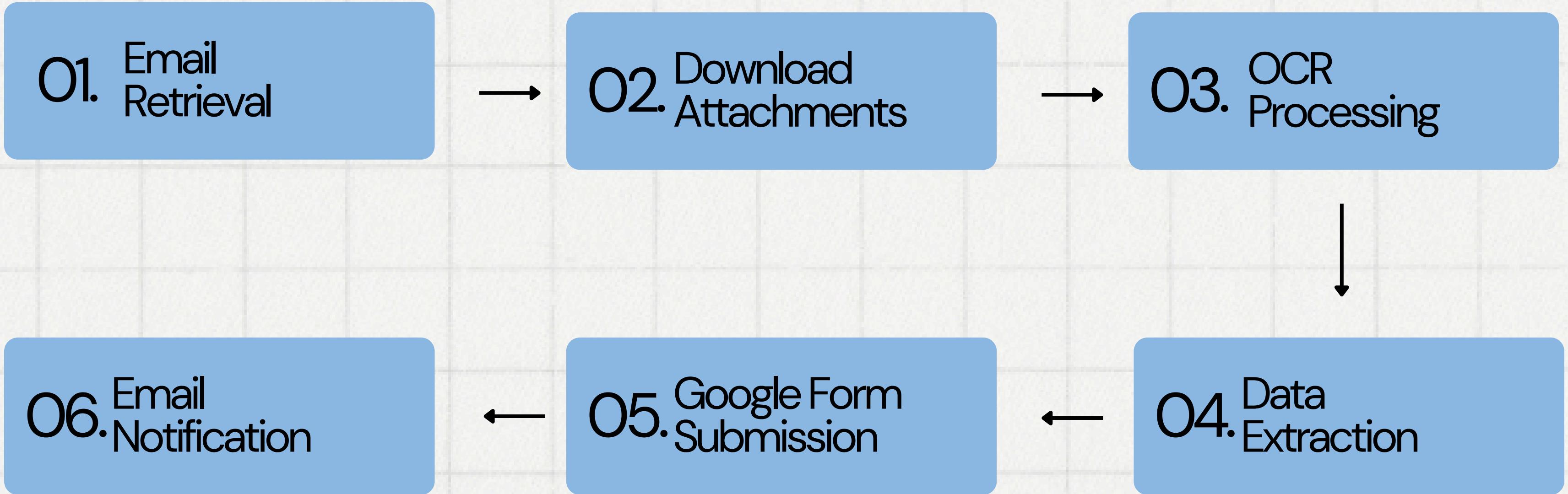
Submit Data to Google Form

Set Up Google Forms API:

- Use the HTTP request action in TruBot to send the extracted data to your Google Form.
- Format the request body with the required field names.



Workflow Diagram



95%

Success rate

Summary

Our automation project has successfully streamlined the process of extracting and entering receipt data, significantly reducing manual tasks for the finance team.

Impact

- Enhanced accuracy and efficiency in financial record-keeping.
- Improved communication with the finance team through automated notifications..

Team Member

- 1.Jayesh Gautam
- 2.Rikin Parekh
- 3.Rudra Patel

From:Pandit Deendayal Energy University,Gandhinagar, Gujarat

Team ID is Data-230436

Github-<https://github.com/Jayesh-Gautam/Datamatics-Hackathon>

Abstract-

<https://docs.google.com/document/d/19hTVhBYeigyJipx1aSyMdLJ4-iB6i5YHxcwOvIFdohM/edit?usp=sharing>

Email

gjayesh007@gmail.com

rikinparekh15147@gmail.com

rudrapatel3504@gmail.com



**Thank you
very much!**

Team ID is Data-230436