

**Ayza Tahir**

[ayzatahir.at@gmail.com](mailto:ayzatahir.at@gmail.com)

## **Summary**

In this assignment, I started by getting the Telegram (list update) chat ID at the beginning so I could use it in every step without repeating the process in case of errors. Then, I connected to Google Drive using the email 1211854@lhr.nu.edu.pk and searched for the "ashTech" folder to find the latest file. If the file was found, it was sent to the router and downloaded; otherwise, an error message was sent to Telegram, which takes the chat ID from the Telegram list update. After downloading, I used PDF.co to extract PDF information, such as the total number of pages. This information was used to set variables for splitting the PDF into two parts. If the total pages were even, both parts had equal pages; if odd, one part had one more page. The first PDF included pages from 1 to the middle, and the second started from the next page to the end. The PDF was then split using PDF.co. An iterator was used to handle both split PDFs one by one. Each PDF was converted into a file using PDF4me and then uploaded to the "Ashtec Split" folder in Google Drive. At every step, if any error occurred, a message was sent to Telegram for notification. After uploading the files, a final message, either success or error, was also sent to Telegram.

## **Modules used**

List of the **modules used** in the workflow

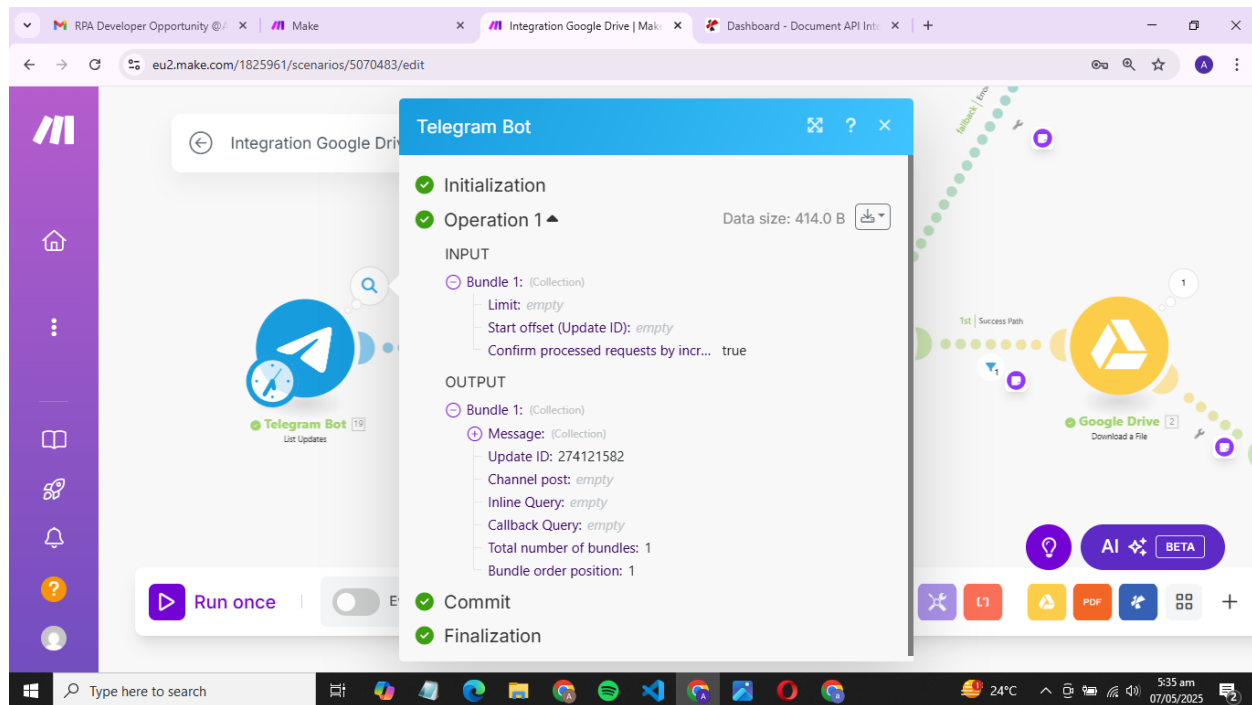
- **Telegram Bot List Updates:** Gets the chat ID.
- **Telegram Send Message:** Sends a message using the chat ID.
- **Google Drive Search File:** Finds the latest file in the selected folder.
- **Google Drive Download:** Downloads the latest file.
- **PDF.co Get PDF Info:** Extracts PDF info like the total number of pages.

- **PDF.co Split PDF:** Splits the PDF into parts based on page range.
- **Tool Set Multiple Variables:** Sets variables to define the page ranges for splitting.
- **PDF4me PDF to Word:** Converts the PDF to a Word document.
- **Iterator:** Processes both split PDFs one by one.
- **Google Drive Upload:** Uploads the Word document to Google Drive.
- **Router:** Manages errors and workflow.

## Steps

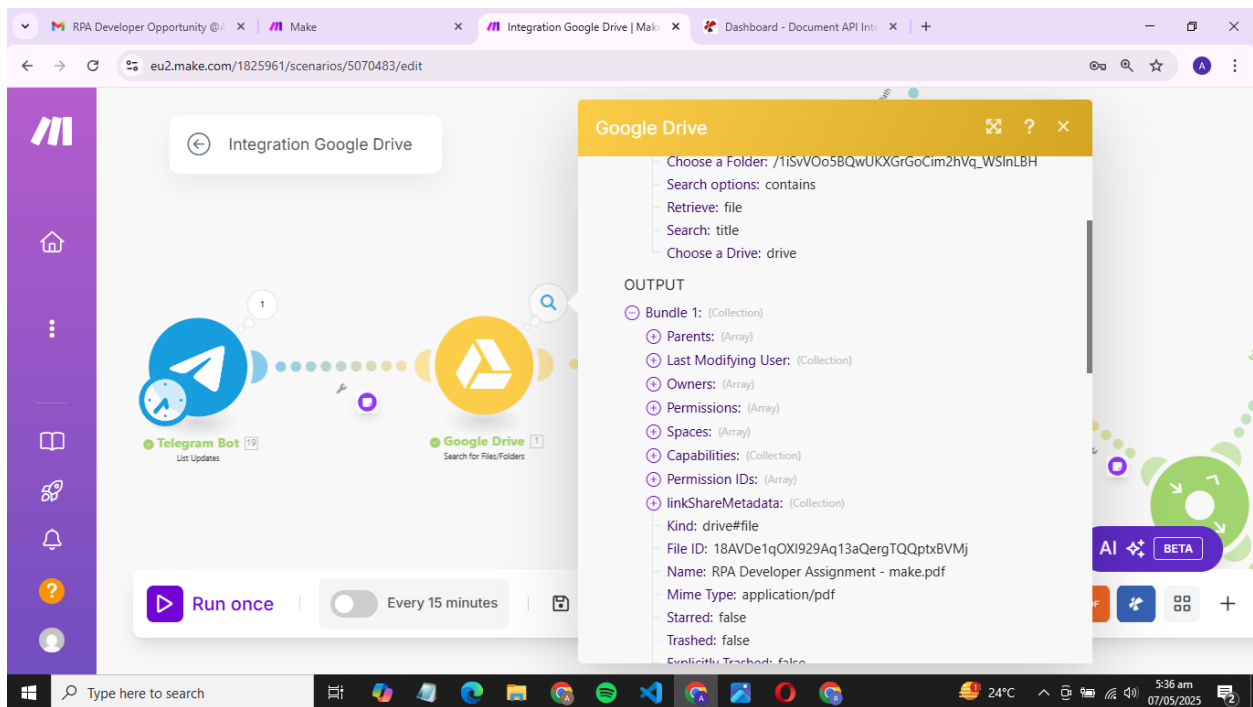
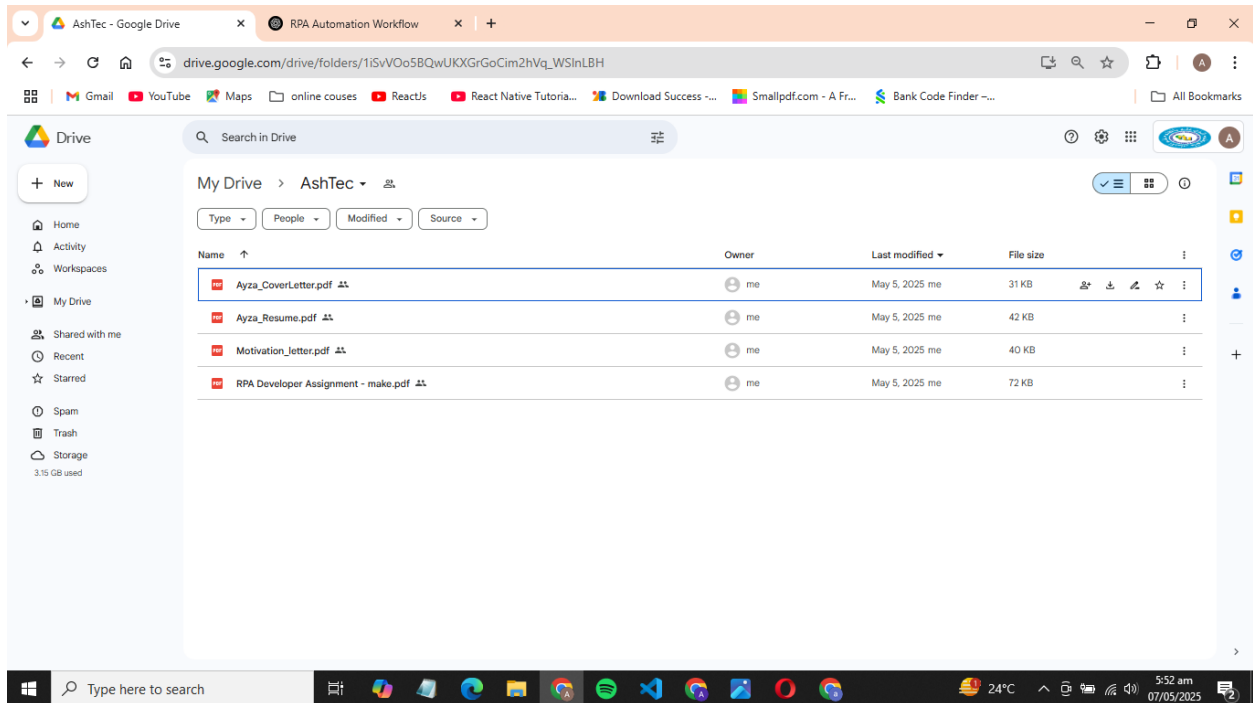
### 1. Telegram Bot list of updates

I get the chat ID at the beginning because I need to use it in every step. If I do not get it at the start, I would have to get it again in each error step. For example, if the Google Drive search works, the flow does not go to the error path, so it will not get the chat ID there. But if the download step fails, I would need to get the chat ID again before sending the error message. To avoid repeating this every time, I get the chat ID once at the start and then reuse it in every step where I need it.



## 2. Google Drive Search for file

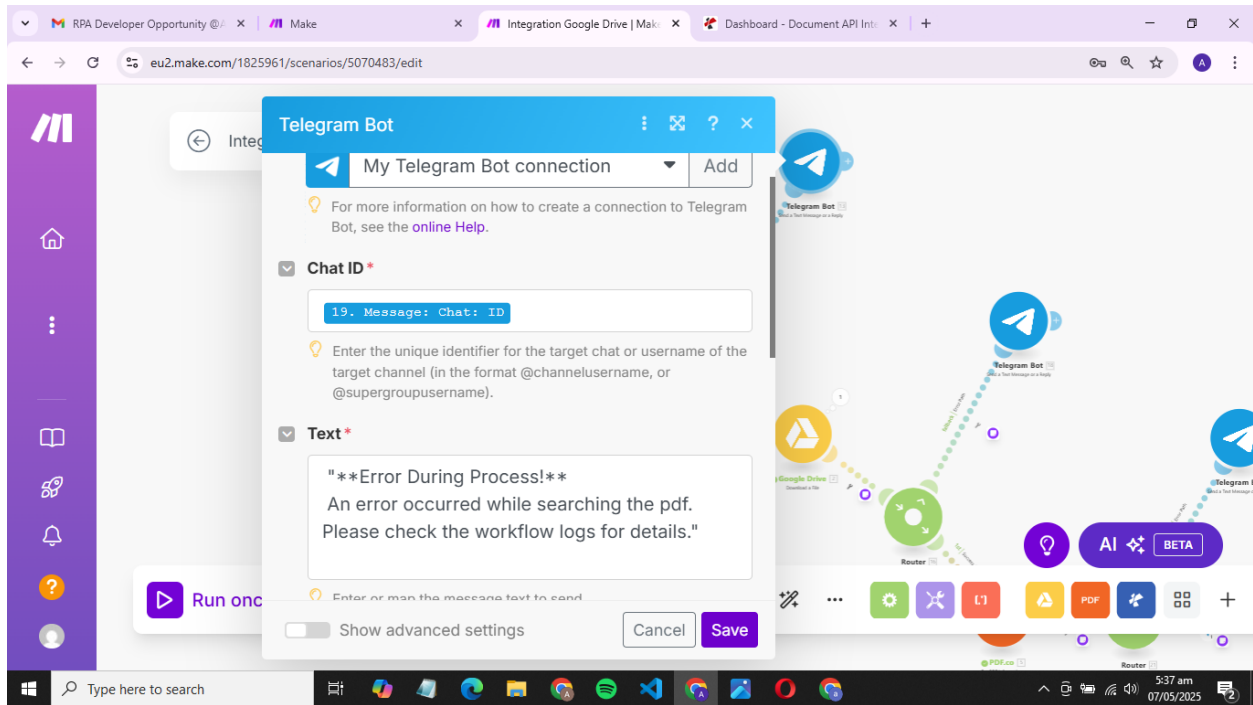
Connect to Google Drive using the email l211854@lhr.nu.edu.pk, search for the ashTech folder, and inside it, find the latest file. Then, send the result to the router.

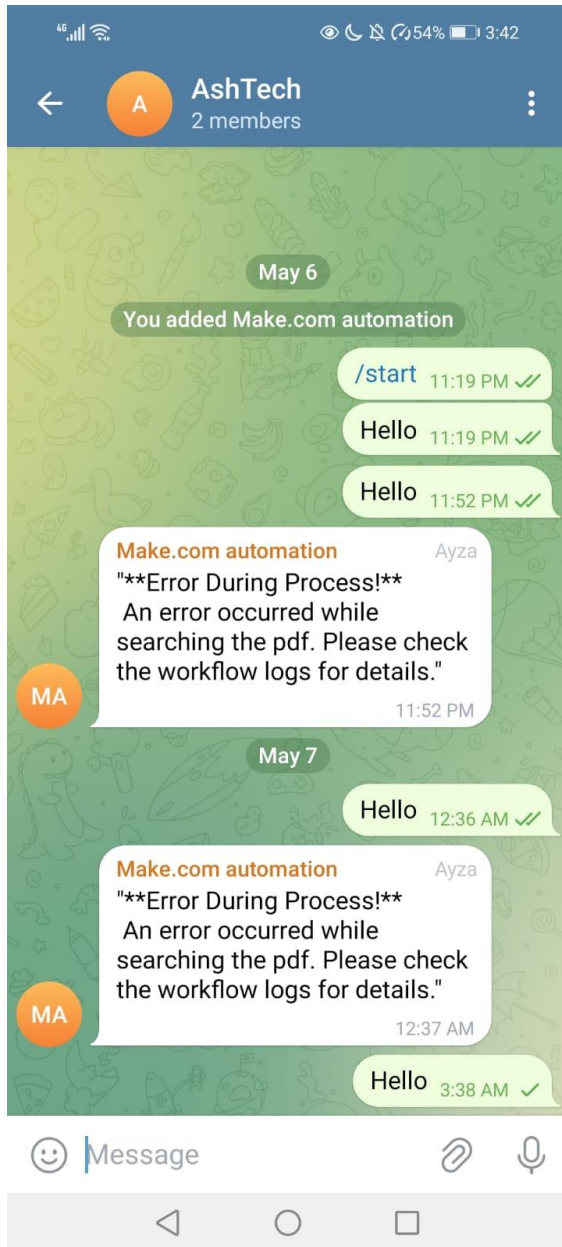


### 3.Telegram Bot error message

If the file is not found, send an error message to telegram AshTec group saying that something went wrong during the search

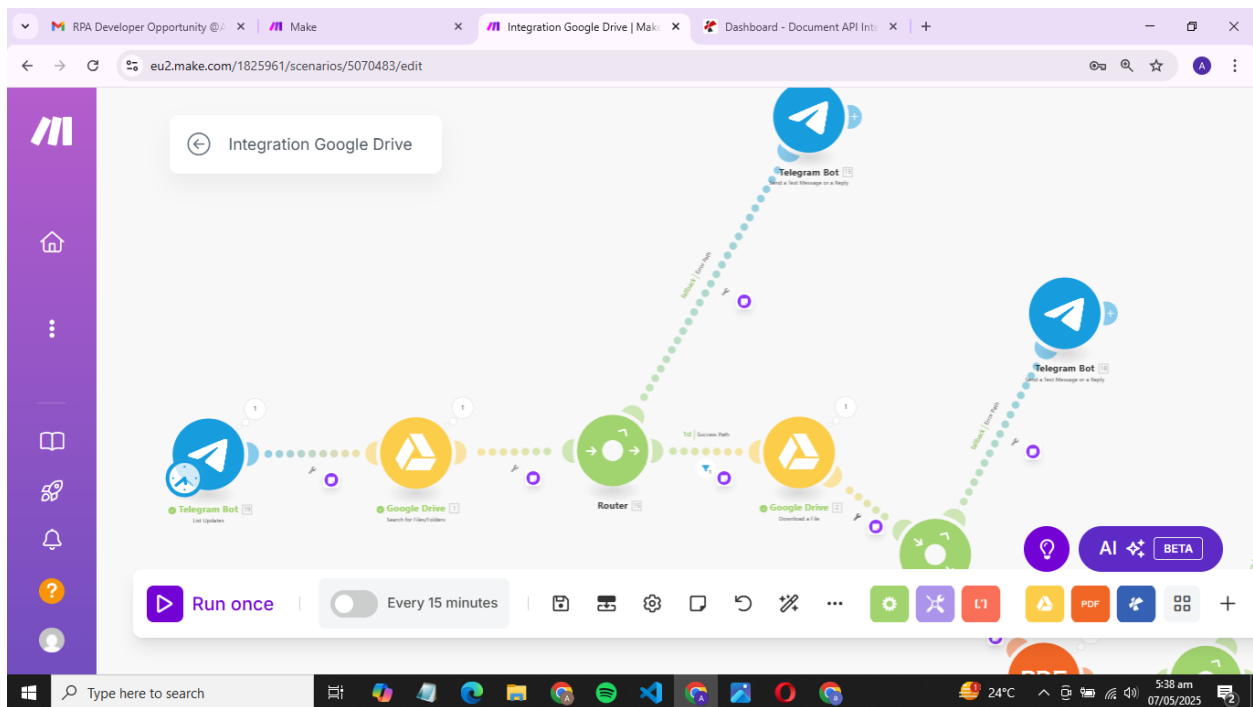
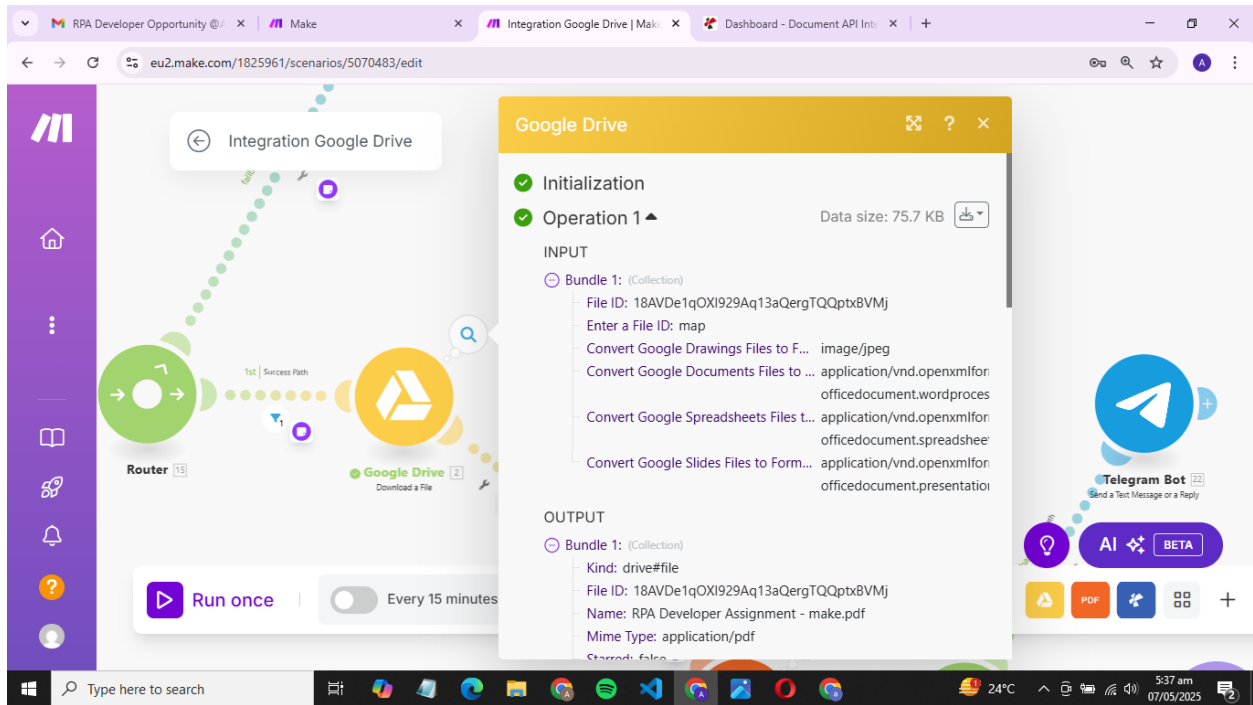






#### 4. Google Drive download a file

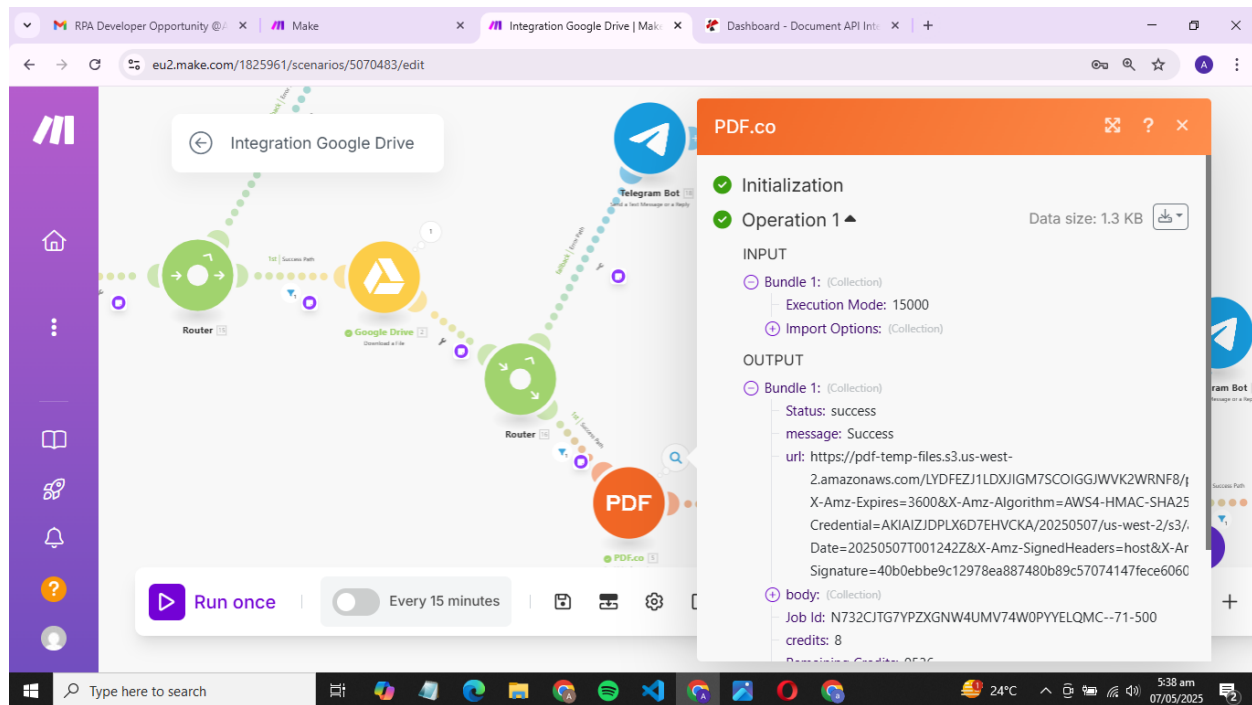
Google Drive downloads the latest file from AshTec folder and sends the result to the router.



## 5.PDF Co. Get pdf information

PDF.co extracts information from the PDF, such as the total number of pages, which will be used to split the PDF.





## 6. Tools Set multiple variable

To split the PDF into two equal parts, we need to calculate the total number of pages. If the total pages are even, both PDFs will have an equal number of pages. For example, with 4 pages, each PDF will have 2 pages. If the total pages are odd, one PDF will have one more page than the other. For example, with 5 pages, one PDF will have 2 pages and the other will have 3 pages. To do this, we set up variables to find the total pages, then split the pages accordingly: the first PDF ends at the floor of the total pages divided by 2, and the second PDF starts from the next page after that.

eu2.make.com/1825961/scenarios/5070483/edit

Tools

Variables

Item 1

Variable name \*

halfPage

Variable value

`floor( 5. body: PageCount / 2 )`

Item 2

Variable name \*

startSecond

Variable value

☐ Show advanced settings

Cancel Save

Run once

Telegram Bot

Router

PDF

AI BETA

24°C

5:39 am

07/05/2025

eu2.make.com/1825961/scenarios/5070483/edit

Tools

`floor( 5. body: PageCount / 2 )`

Item 2

Variable name \*

startSecond

Variable value

`floor( 5. body: PageCount / 2 ) + 1`

Item 3

Variable name \*

totalPages

Variable value

☐ Show advanced settings

Cancel Save

Run once

Telegram Bot

Router

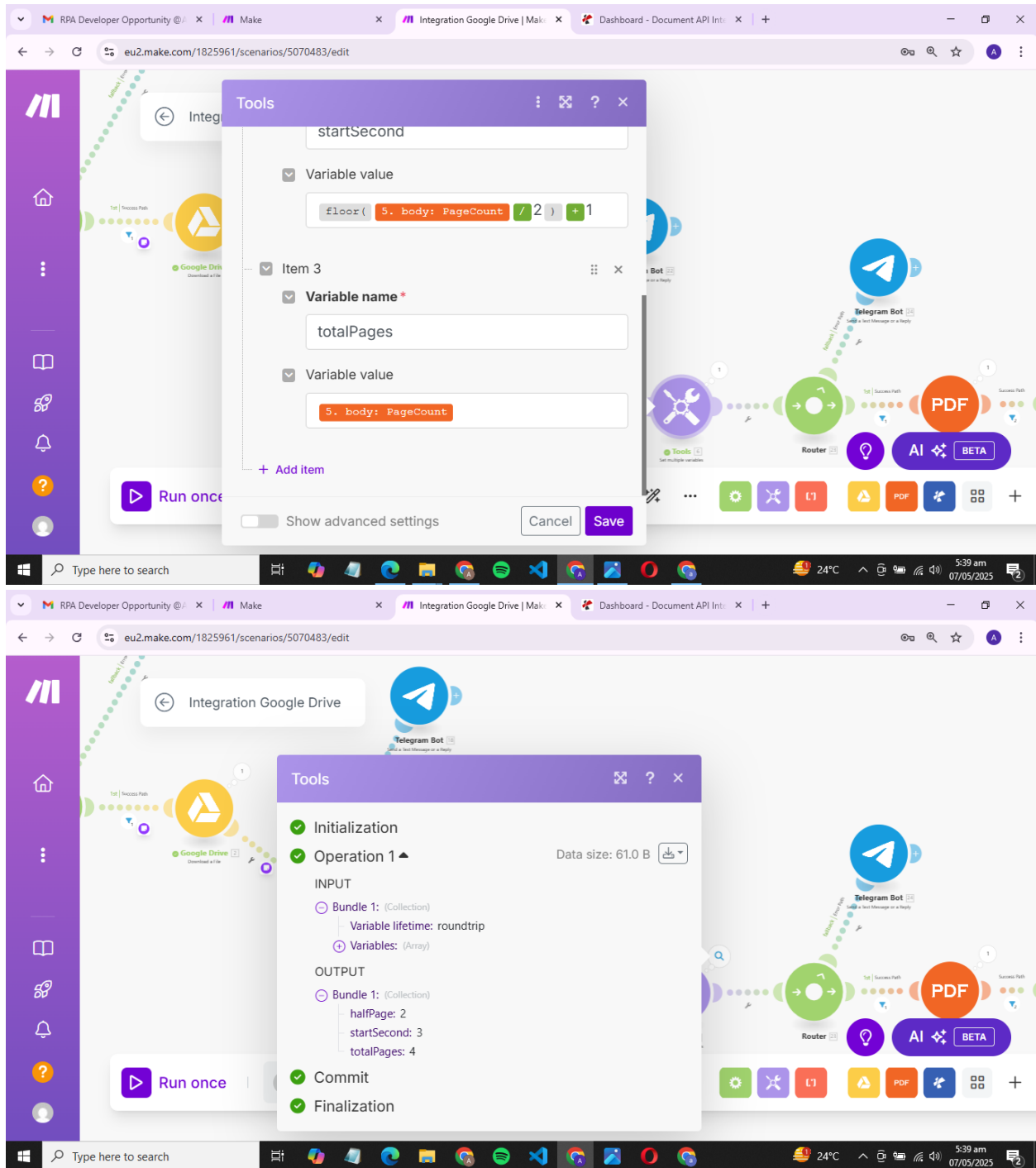
PDF

AI BETA

24°C

5:39 am

07/05/2025



## 7.PDF Co.split the pdf

It splits the PDF into two parts based on the page range

The image displays two screenshots of the Make.com interface, showing a workflow for splitting PDFs and sending them to Telegram.

**Top Screenshot:** The workflow is titled "Integration Google Drive". It starts with a "PDF.co" module (Get PDF information), followed by a "Router" module (Set multiple variables), then a "Tools" module (Set multiple variables), and finally another "Router" module (Set multiple variables). The workflow is configured to "Run once" or "Every 15 minutes".

**Bottom Screenshot:** The workflow is titled "Integration Google Drive". It starts with a "PDF.co" module (Split a PDF), followed by a "Router" module (Set multiple variables), then a "Tools" module (Set multiple variables), and finally another "Router" module (Set multiple variables). The workflow is configured to "Run once" or "Every 15 minutes".

**PDF.co Configuration (Top Screenshot):**

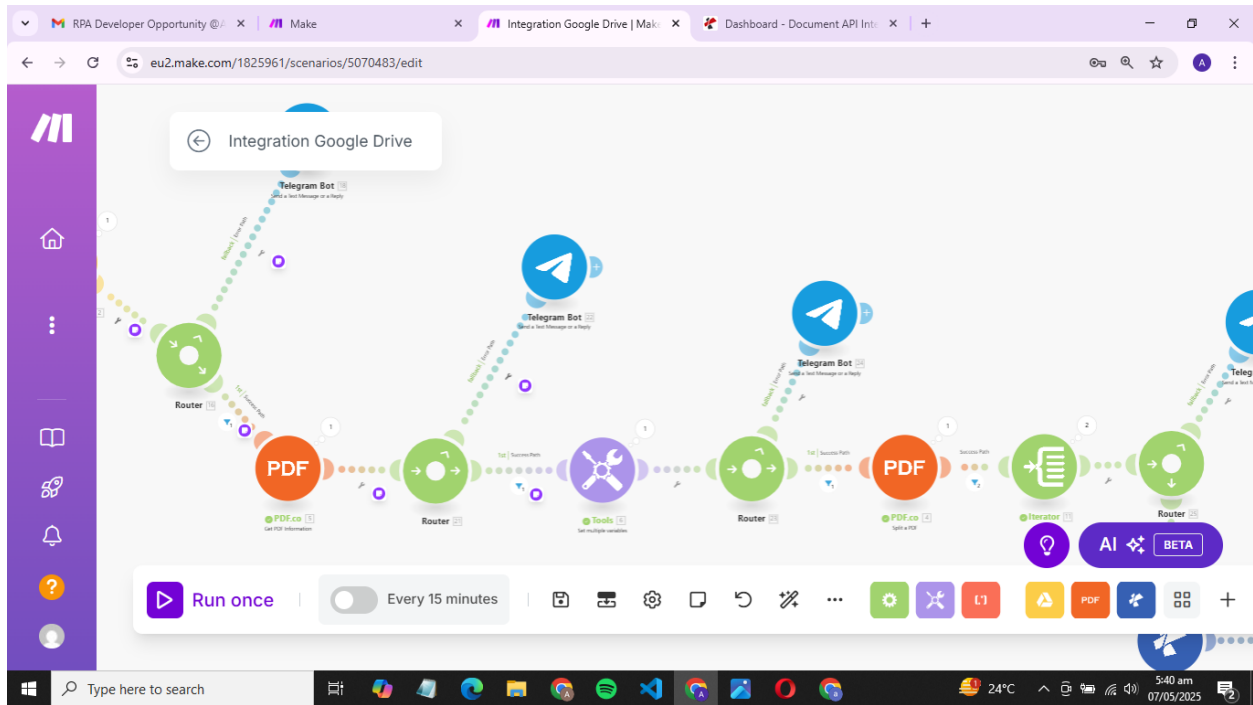
- Split by:** Page Numbers
- Pages:** 1- 6. halfPage, 6. startSecond - 6. totalPages
- Show advanced settings:** ☐

**PDF.co Configuration (Bottom Screenshot):**

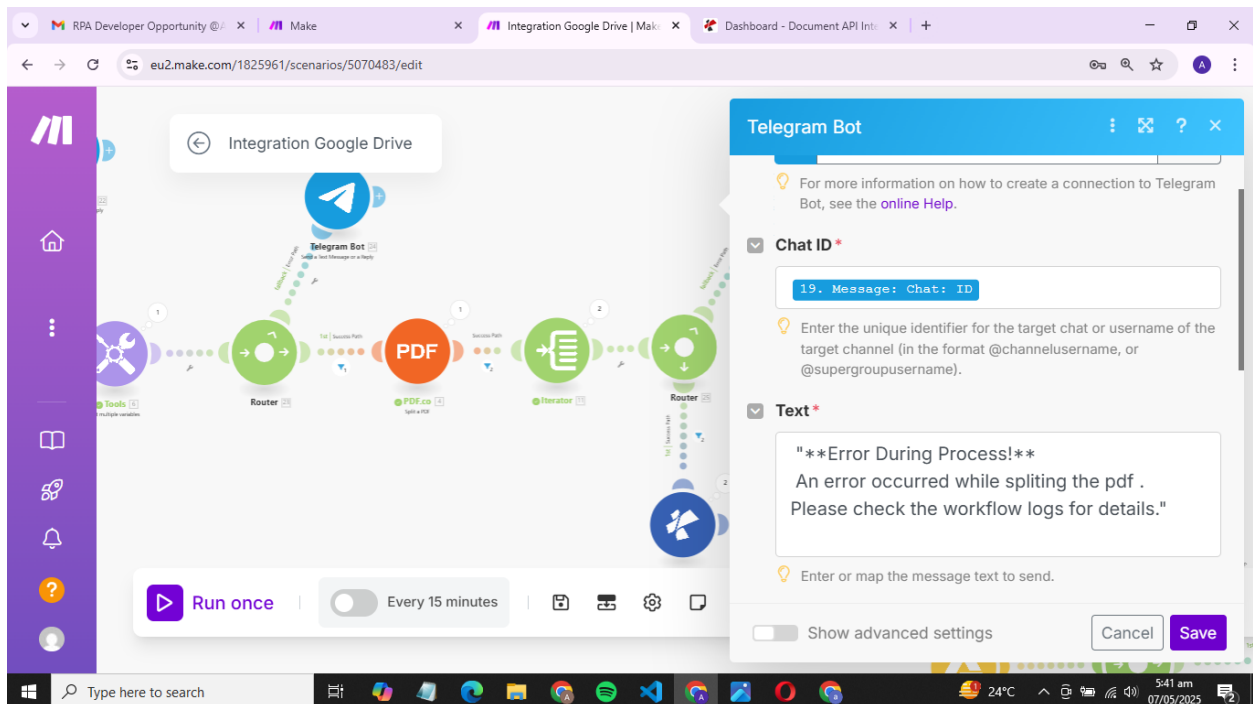
- Bundle 1: (Collection)**
  - url: `https://pdf-temp-files.s3.us-west-2.amazonaws.com/IMLB3Q9BXET1WWQFKHBJSYUEUY9FHVQ, _make_page1-2.pdf?X-Amz-Expires=3600&X-Amz-Algorithm=Amz-Credential=AKIAI2JDPLX6D7EHVCKA/20250507/us-west-Date=20250507T001253Z&X-Amz-SignedHeaders=host&X-Amz-Signature=89e674f9e1a75977761574d7dc8f06aac3463df31204`
  - Name: RPA\_Developer\_Assignment\_-\_make\_page1-2.pdf
  - Data: (Buffer, codepage: binary)
  - Total number of bundles: 2
  - Bundle order position: 1
- Bundle 2: (Collection)**
  - url: `https://pdf-temp-files.s3.us-west-2.amazonaws.com/WWV7LEOB9C6IR6HU41YNXTBJSBTLXTA/Rf _make_page3-4.pdf?X-Amz-Expires=3600&X-Amz-Algorithm=Amz-Credential=AKIAI2JDPLX6D7EHVCKA/20250507/us-west-Date=20250507T001253Z&X-Amz-SignedHeaders=host&X-Amz-Signature=1e4112e9adc4ffb7cb2b60b26c06ec9e92fc64426ab7`
  - Name: RPA\_Developer\_Assignment\_-\_make\_page3-4.pdf
  - Data: (Buffer, codepage: binary)
  - Total number of bundles: 2

## 8.Iterator

Since we have two PDFs, the iterator will handle them one by one.



## 9.Splitting error page



## 10.Pdf4me

converting pdf into word

eu2.make.com/1825961/scenarios/5070483/edit

Integration Google Drive

PDF4me

- Initialization
- Operation 1 Data size: 6.7 KB
  - INPUT
    - Bundle 1: (Collection)
      - Document: (Buffer, codepages: binary)
        - File Name: RPA\_Developer\_Assignment\_-\_make\_page1-2.pdf
        - Quality Type: high
  - OUTPUT
    - Bundle 1: (Collection)
      - Name: RPA\_Developer\_Assignment\_-\_make\_page1-2.docx
      - Document: (Buffer, codepages: binary)
- Operation 2 Data size: 6.2 KB
- Commit
- Finalization

Run once | Every 15 minutes

PDF4me

Connection \*

My PDF4me connection Add

For more information on how to create a connection to PDF4me, see the [online Help](#).

File

- ☐ Google Drive - Download a File
- ☒ PDF.co - Split a PDF
- ☐ Map

Quality Type \*

Map

Expert

Select the type of quality. API call cost is different for each quality. Please refer to our [documentation](#) for guidelines.

Cancel Save

## 11. Google drive upload

Integration Google Drive

Run once | Every 15 minutes

Google Drive

My Google Restricted conn... Add

For more information on how to create a connection to Google Drive, see the [online Help](#).

☒ Enter a Folder ID \*

Select from the list

☒ New Drive Location \*

My Drive

☒ New Folder Location \*

/ AshTec Split / +

☒ File

☐ Google Drive - Download a File

☐ Show advanced settings

Cancel Save

Integration Google Drive

Run once | Every 15 minutes

Google Drive

Operation 1 Data size: 3.0 KB

INPUT

Bundle 1: (Collection)

- Data: (Buffer, codepage: binary)
- Enter a Folder ID: value
- Convert a File: false
- File Name: RPA\_Developer\_Assignment\_-\_make\_page1-2.docx
- New Folder Location: /1hwC7AeRX1tXB012c7HGqWyuP\_xLUQfS
- New Drive Location: drive

OUTPUT

Bundle 1: (Collection)

- Kind: drive#file
- File ID: 1\_NKdkLpjPHldLkaiAMDqCQEfstdstj8ln
- Name: RPA\_Developer\_Assignment\_-\_make\_page1-2.docx
- Mime Type: application/vnd.openxmlformats-officedocument.wordprocessingml.document
- Starred: false
- Trashed: false
- Explicitly Trashed: false
- Parents: (Array)

Integration Google Drive

Router

Telegram Bot

Google Drive

- Initialization
- Operation 1
- Operation 2
- Commit
- Finalization

Data size: 3.0 KB

Run once

Every 15 minutes

AI BETA

Type here to search

24°C

5:42 am 07/05/2025

## 12.Uploaded file Message

Integration Google Drive

Telegram Bot

My Telegram Bot connection

Chat ID \*

19. Message: Chat: ID

Text \*

\*\*\*Process Completed Successfully!\*\*\*  
The PDF file has been downloaded from Google Drive, split into two Word documents, and saved to the designated folder.

Show advanced settings

Cancel

Save

Run once

Every

AI BETA

Type here to search

24°C

5:45 am 07/05/2025



Integration G

Set up a filter

Label

Success Path

Set the route as a fallback. A fallback route is a backup route that is used if the source data didn't go through any other route. One router can have only one fallback route.

☐ Yes ☒ No

Condition

12. File ID

Basic operators: Exists

Add AND rule Add OR rule

Cancel Save

Run once

AshTec Split - Google Drive

RPA Automation Workflow

drive.google.com/drive/folders/1hwC7AeRX11tXB012c7HGqWyuP\_xLUQf5

Search in Drive

My Drive > AshTec Split

Type People Modified Source

Name	Owner	Last modified	File size
RPA_Developer_Assignment_-_make_page1-2.docx	me	5:45 AM me	7 KB
RPA_Developer_Assignment_-_make_page3-4.docx	me	5:45 AM me	6 KB

Final



