APPLICATION ADMIN GUIDE

Installing packages

Install the packages by running this command:

```
pip install -r requirements.txt
```

Changing paths

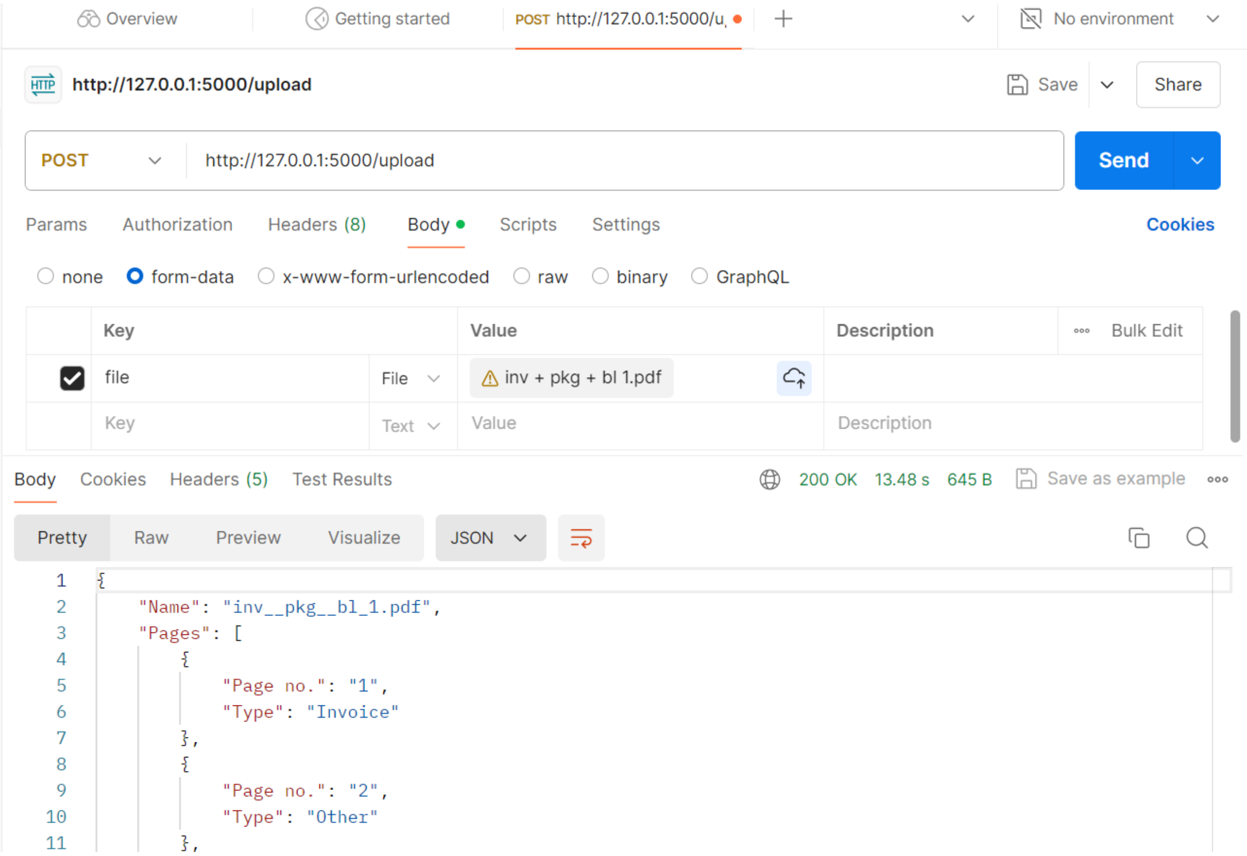
In the file docreader.py change the code on line 25 and add the new path where pytesseract package is installed.

In the file titled config.ini, change the path of the UPLOAD_FOLDER to the folder containing the files you want to upload for classification.

Download Postman and run code in restapi.py

Use link to download postman: https://www.postman.com/downloads/

Run the code in the file titled restapi.py. No other files are required to be run. Something similar to the following image will be displayed after running the code on this file:



http://127.0.0.1:5000/upload

POST http://127.0.0.1:5000/upload

○ none ● form-data ○ x-www-form-urlencoded ○ raw ○ binary ○ GraphQL

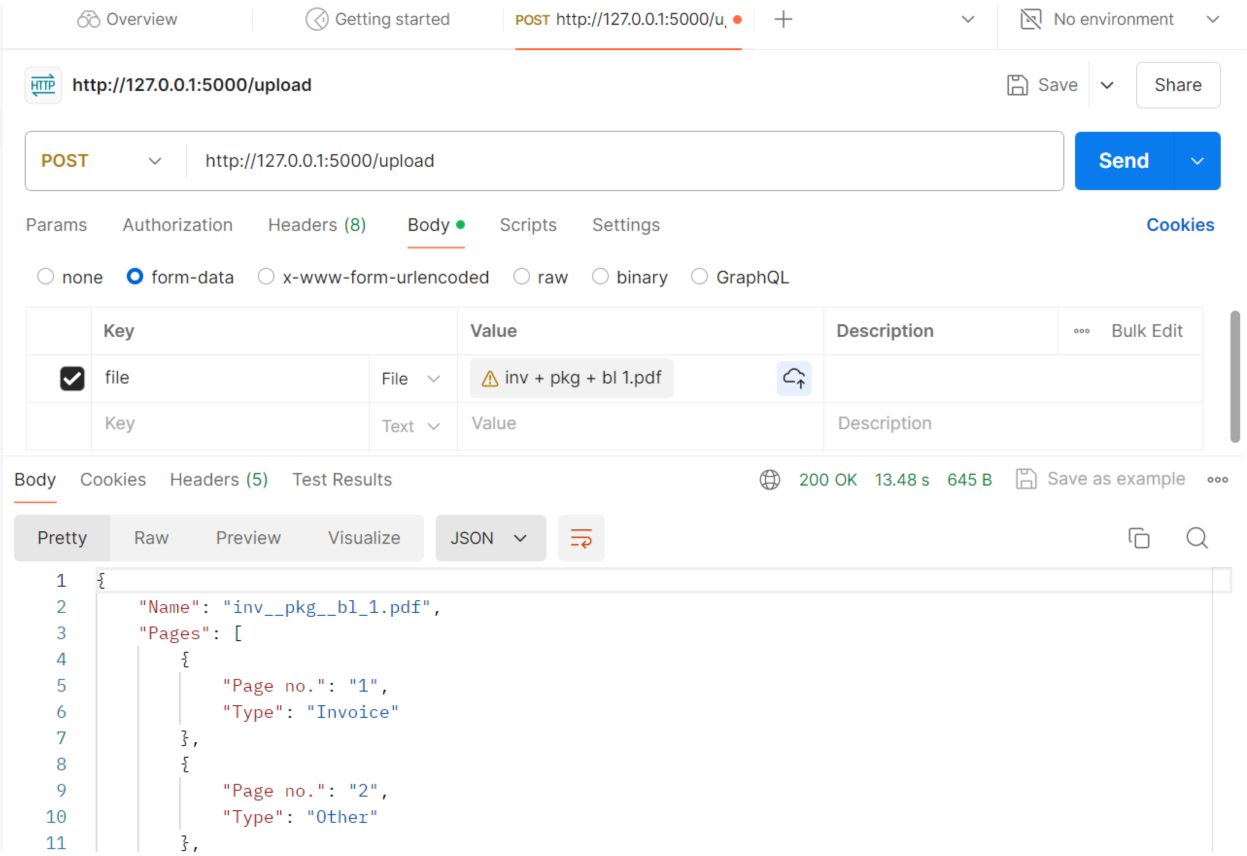
	Key		Value	Description
☑	file	File	inv + pkg + bl 1.pdf	
	Key	Text	Value	Description

200 OK 13.48 s 645 B

```
{
    "Name": "inv__pkg__bl_1.pdf",
    "Pages": [
        {
            "Page no.": "1",
            "Type": "Invoice"
        },
        {
            "Page no.": "2",
            "Type": "Other"
        },
```

Use the http link provided bby running the code. For example, as shown above the link is http://127.0.0.1:5000

Create a new post request in postman by clicking on the plus button circled in red as shown below:



http://127.0.0.1:5000/upload

POST http://127.0.0.1:5000/upload

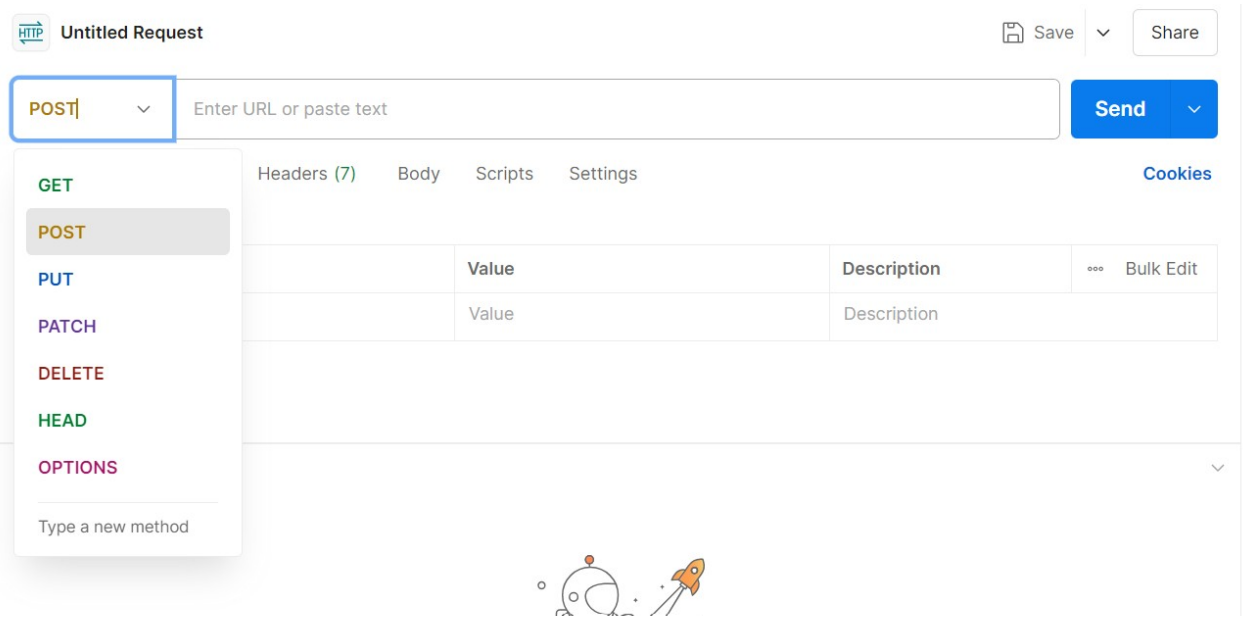
Body: ○ none ● form-data ○ x-www-form-urlencoded ○ raw ○ binary ○ GraphQL

	Key		Value	Description
☑	file	File	inv + pkg + bl 1.pdf	
	Key	Text	Value	Description

Body — 200 OK 13.48 s 645 B

```
{
    "Name": "inv__pkg__bl_1.pdf",
    "Pages": [
        {
            "Page no.": "1",
            "Type": "Invoice"
        },
        {
            "Page no.": "2",
            "Type": "Other"
        },
```

Now select the drop down as shown below and choose POST instead of the default GET. If POST is not selected, the program will not run. Then, enter the link recieved by running the restapi.py file and follow it up by /upload as shown below. So if your link is http://127.0.0.1:5000 then you will enter http://127.0.0.1:5000/upload in Postman when it asks to enter URL or paste link.

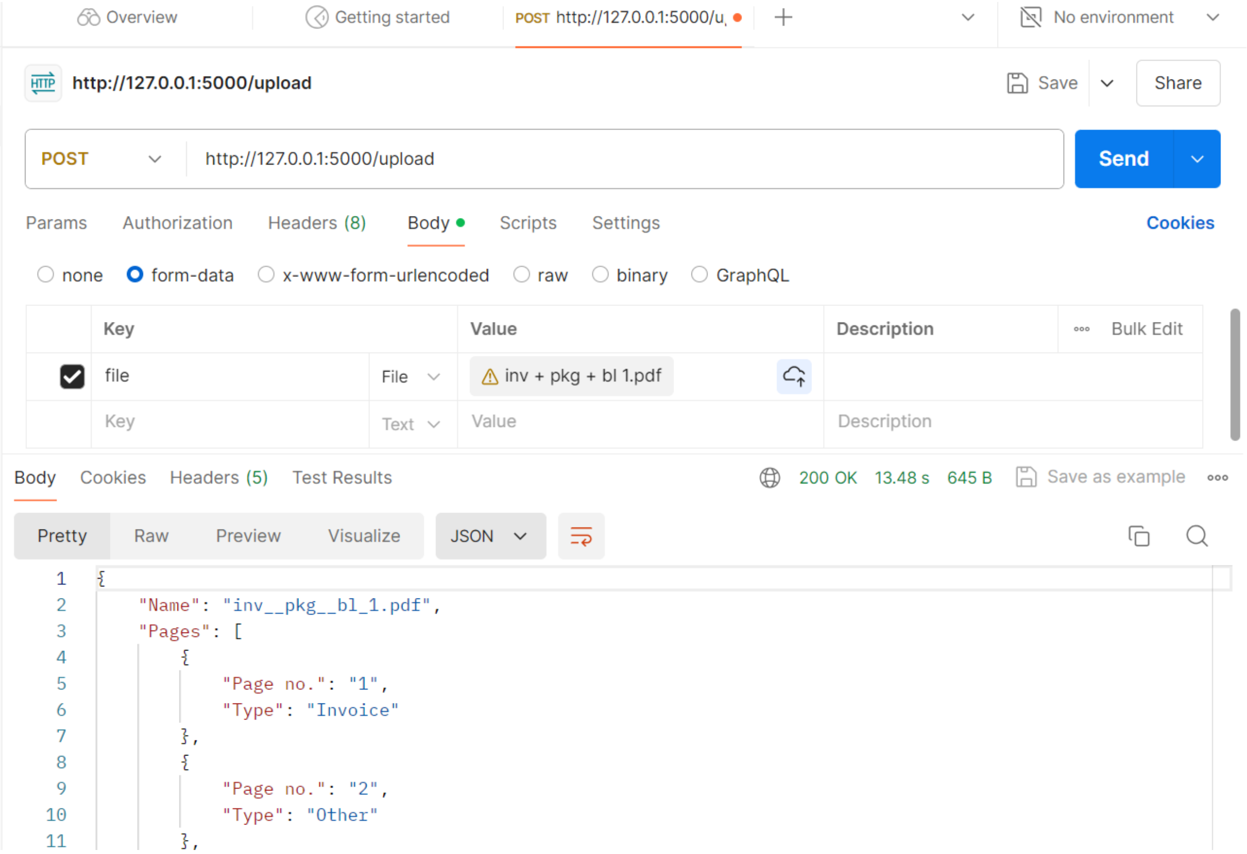


POST | Enter URL or paste text

	Value	Description
	Value	Description

Uploading files on postman and recieving output

After following these steps, select the Body option from Params, Authorization, Headers, Body, Scripts, and Settings which are present right below the URL link. Under Body, select form-data and enter the following:



http://127.0.0.1:5000/upload

POST | http://127.0.0.1:5000/upload

○ none ● form-data ○ x-www-form-urlencoded ○ raw ○ binary ○ GraphQL

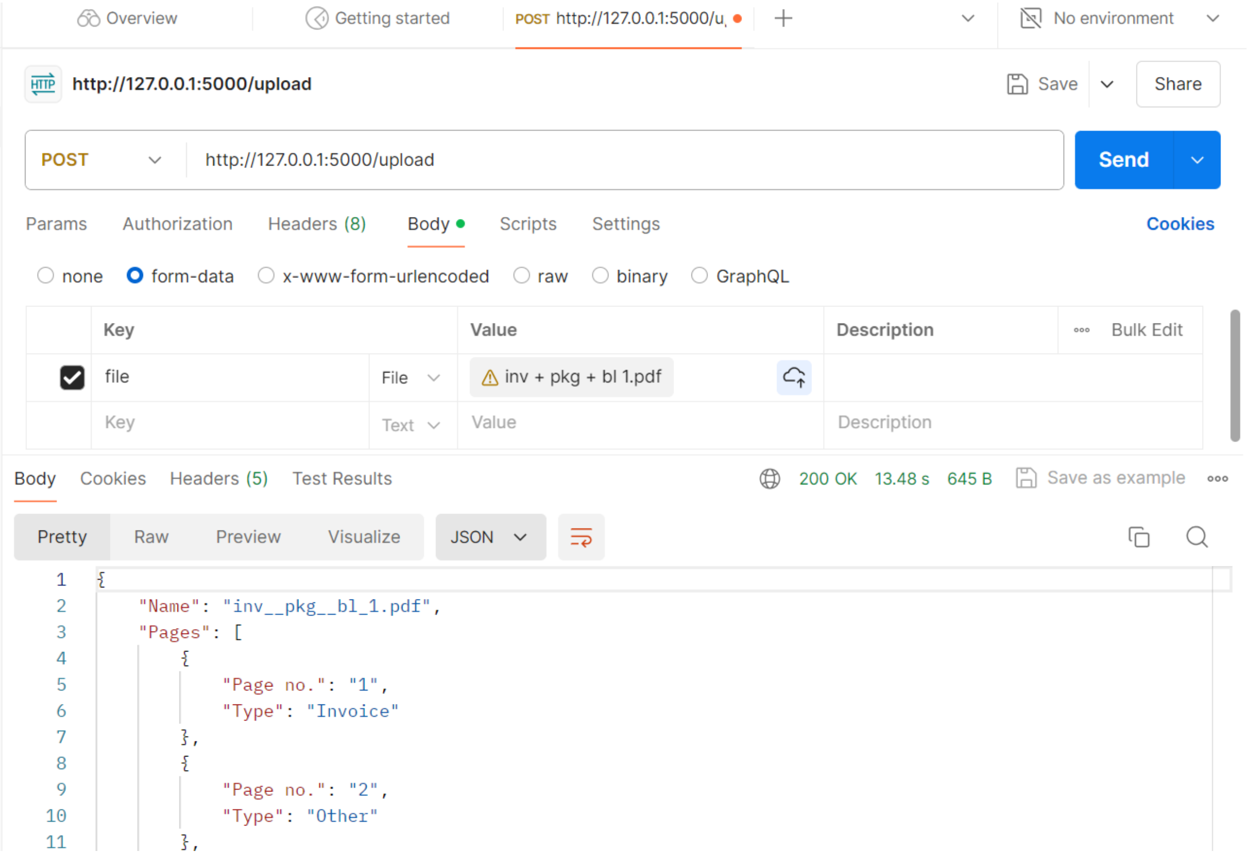
	Key		Value	Description
☑	file	File	⚠ inv + pkg + bl 1.pdf	
	Key	Text	Value	Description

200 OK 13.48 s 645 B

```
{
    "Name": "inv__pkg__bl_1.pdf",
    "Pages": [
        {
            "Page no.": "1",
            "Type": "Invoice"
        },
        {
            "Page no.": "2",
            "Type": "Other"
        },
```

Enter a Key called file as shown above. Ensure that the word file is written exactly as shown without any capitalization or usage of other names. This field must be named "file" in order for the program to work. Then select the type as File instead of Text from the drop down next to the Key name. as shown above.

Now, add new file from local machine in order to upload the file and after uploading, press send on the top right blue button. After sending this request, the output can be viewed as shown below. The format of the output (JSON, HTML, etc) can be selected from a dropdown below.



http://127.0.0.1:5000/upload

POST http://127.0.0.1:5000/upload

	Key		Value	Description
☑	file	File	inv + pkg + bl 1.pdf	
	Key	Text	Value	Description

200 OK 13.48 s 645 B

```
{
    "Name": "inv__pkg__bl_1.pdf",
    "Pages": [
        {
            "Page no.": "1",
            "Type": "Invoice"
        },
        {
            "Page no.": "2",
            "Type": "Other"
        },
```

The response can either be copied to clipboard or saved to a file by clicking on the three white dots on the top right of the output window and selecting the option of "Save response to file".

Notes

Ensure to upload only one file at a time.

Add a key in form-data under Body named "file". This format of the name (including capitalization) is non-negotiable.

The output includes: Name of file, Pages of the file and their type, and Percentage of type of documents in the file. This is stored in a dictionary format with nested lists and dictionaries.