

Please follow below steps to replicate the batch job scenario in Postman.

### Pre-requisite -

The rest endpoint should be available where you are able to post single request.

Now let's get into the actual steps needs to be followed in Postman

#### Step 1 –

Enter the HTTP operation and URL in the POSTMANs URL section



#### Step 2 –

Put the necessary authorization (it can be Basic, OAuth2.0 or no as per the endpoint requirement)

#### Step 3 –

In my case the structure and format expected from API was as follows –

```
{
  "Delete": [
    {
      "ID": "123"
      "ITEM": "Mobile"
    }
  ]
}
```

To generalize this input structure instead of fixed values, define the variables as

```
{
  "Delete": [
    {
      "ID": "{{id}}"
      "ITEM": "{{item}}"
    }
  ]
}
```

#### Step 4 –

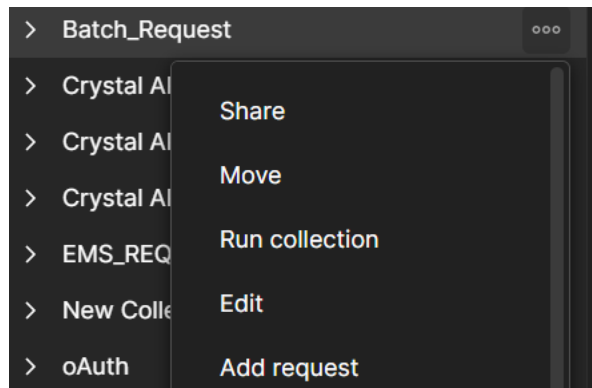
Save the Collection



Which will be visible in the left side pane

#### Step 5 –

Click on the options of the Collection and click on the run collection option



## Step 6 –

### Choose how to run your collection

☒ **Run manually**  
Run this collection in the Collection Runner.

☐ **Schedule runs**  
Periodically run collection at a specified time on the Postman Cloud.

☐ **Automate runs via CLI**  
Configure CLI command to run on your build pipeline.

### Run configuration

**Iterations**

1

**Delay**

0 ms

**Data**

Select File

☐ Persist responses for a session ⓘ

> Advanced settings

Run Test

You will get to this window.

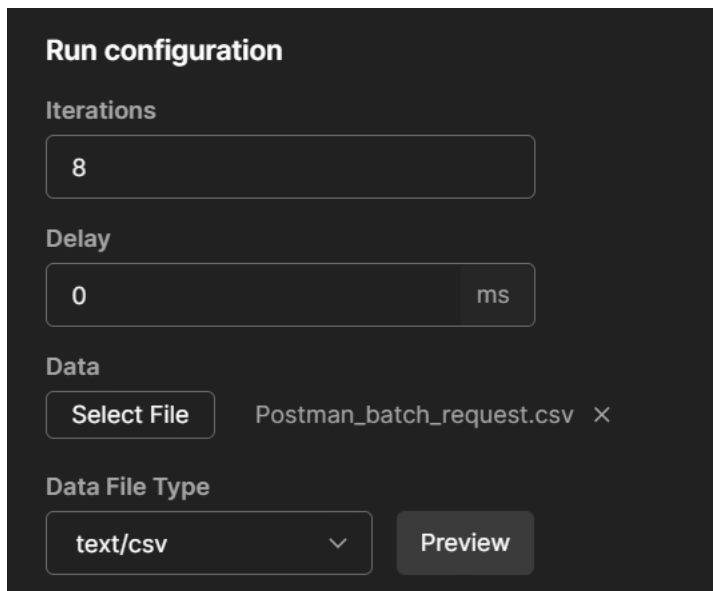
Here file needs to be selected which will be .CSV file

id	item
123	Mobile
124	TV
125	Desktop
126	Laptop
127	mouse
128	keyboard
129	stylus
130	printer

Names of the columns should be same as the variable names defined in step 3. Save the file with .csv extension

## Step 7 –

Select the file saved in the step 6 and use it in the run configuration window visible in step 5.



The image shows a 'Run configuration' window with a dark theme. It contains several input fields and buttons. The 'Iterations' field is set to 8. The 'Delay' field is set to 0 ms. The 'Data' section has a 'Select File' button and a text field showing 'Postman\_batch\_request.csv' with a close icon. The 'Data File Type' dropdown is set to 'text/csv' and there is a 'Preview' button.

**Run configuration**

Iterations  
8

Delay  
0 ms

Data  
Select File Postman\_batch\_request.csv ×

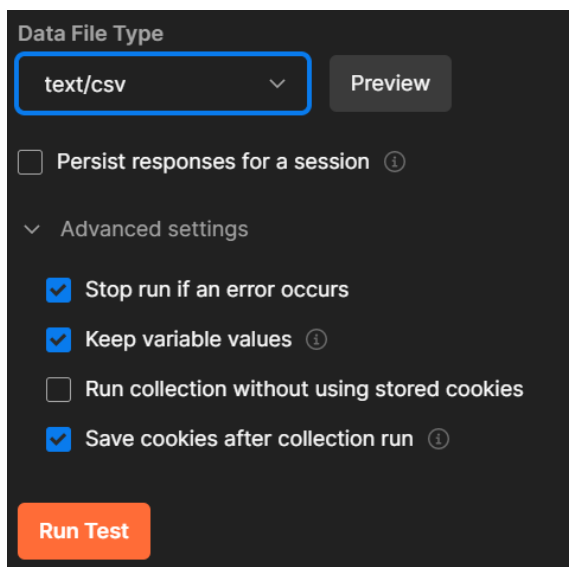
Data File Type  
text/csv ▼ Preview

You can preview the data if you want to like this

Iteration	id	item
1	123	"Mobile"
2	124	"TV"
3	125	"Desktop"
4	126	"Laptop"
5	127	"mouse"
6	128	"keyboard"
7	129	"stylus"
8	130	"printer"

## Step 8 -

Click on run test to start the processing. Advance settings can be selected as per the requirement.



Data File Type

text/csv

Preview

☐ Persist responses for a session ⓘ

Advanced settings

☒ Stop run if an error occurs

☒ Keep variable values ⓘ

☐ Run collection without using stored cookies

☒ Save cookies after collection run ⓘ

Run Test

Result will be available once the processing is completed like

Source	Environment	Iterations	Duration	All tests	Avg. Resp. Time
Runner	none	8	4s 68ms	0	355 ms

RUN SUMMARY		View Results							
		1	2	3	4	5	6	7	8
DELETE	Offering_Delete	0   0							

One can choose to check the result of the individual request, by selecting View Results option.

This is just one simple example to replicate the scenario of the batch request, please try to use this steps and play around with different file format, also, if required collection can be schedule to run at specified time or it can be run using command line interface. That will be covered in the later blogs.

Feel free to tryout different postman options.

In case of any queries feel free to write me at -

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