# Uploading files to JCOIN data commons

There are two mechanisms for getting data into the JCOIN data commons. One approach is to submit a data file that is already mapped to JCOIN data commons variables. Another approach is to upload the entire file without any sort of mapping (these files can then be mapped later).

Ultimately, files need to be mapped to the common variables to support cross-hub reporting and analysis. But, the second method – uploading an entire data file – can also be useful for storage and easy downloads for data outside of the JCOIN core measures and specific to a particular hub.

\*Note: these instructions use the Downloads folder but of course you can use any convenient folder with below steps.

## Install the gen3 client

1. Go the submit data page [(click here for JDC submission page)](https://jcoin.datacommons.io/submission)
2. Log in
3. Click on gen3 client [(click here for link to gen3 client page)](https://github.com/uc-cdis/cdis-data-client/releases)
4. Under the “Assets” section: Download the zip file for your operating system (eg Windows (ie win64), Mac, Linux) and unzip to location of your choice

## Download your credentials file

1. Go to the profile page ([click here for profile page](https://jcoin.datacommons.io/identity))
2. Click “Create API Key” and click credentials.json to download

## Configure the gen3 client to your credentials

1. Open the command line interface. If on Windows, search for Command Prompt. If on Mac, search for Terminal”
2. Within the command line interface, navigate to the folder where you downloaded and unzipped the gen3 client with following:

cd <path to gen3 client>

Example for Windows:

cd C:\Users\kranz-michael\Downloads

1. Within the command line interface, type in:

gen3-client configure --profile=<profile\_name of your choice> --cred=<path to credentials.json> --apiendpoint=https://jcoin.datacommons.io

*Descriptions of user-defined pieces to type in:*

<profile\_name of your choice>: can be anything such as jdc (below we use “demo”)

<path to credentials.json>: drag and drop the credentials.json file after –cred= for path

Example for Windows:

gen3-client configure --profile=demo --cred=C:\Users\kranz-michael\Downloads\credentials.json --apiendpoint=https://jcoin.datacommons.io

## Uploading data file

1. Navigate to the folder where your data is located
2. Upload data file(s)
   1. Upload 1 file

gen3-client upload --profile=demo --upload-path=test.txt

* 1. Upload all files in a folder with a pattern:

gen3-client upload --profile=demo --upload-path=\*xlsx

* 1. Upload all files in a folder:

gen3-client upload --profile=demo --upload-path=test\_dir