# ReadMe for Assignment-2

1. **To upload all the CSV files to AWS Dynamodb,** you want to maintain have a folder called “InputDataFiles” parallel to this python project folder, and put all the CSV files inside.

![Graphical user interface, diagram, application

Description automatically generated]()

Then, if you just run the **CreateAllNecessaryTables.py** file in the console, the main function of this **CreateAllNecessaryTables.py** file will automatically upload all the CSV files from the InputDataFiles folder.

You can also run with customized file location, in this case, you want to execute the following command in console:

$ python -c 'import CreateAllNecessaryTables; createAllTables(areaFile="../InputDataFiles/shortlist\_area.csv", capitalsFile="../InputDataFiles/shortlist\_capitals.csv",

languagesFile="../InputDataFiles/shortlist\_languages.csv", gdppcFile="../InputDataFiles/shortlist\_gdppc.csv",curpopFile = "../InputDataFiles/shortlist\_curpop.csv"):

You can change all the file arguments to the desired relative or absolute path you want.

1. To update missing information and generate reports:

Run the AddMissingInformation.py file in the console, the main function is a shell.

To add Missing Information for population data, in the shell, type:

>add\_pupulation <Year> <Country Name> <Num of population>

To add language data, in the shell type:

>add\_language <ISO3> <Language>

To create country report, in the shell type:

* Country\_report <Country Name>

Note this must be the Country Name, not ISO3, ISO2, or official country name

To create a global report, in the shell type:

>global\_report <Year>