

Requirements:

x86 CPU Architecture

Imported Libraries to install:

```
python3 -m pip install -U pip
```

```
python3 -m pip install -U ethnicolr
```

```
python3 -m pip install -U matplotlib
```

File Structure:

In a folder containing nothing else, you should have a structure that contains:

- ORIGINAL_FILES (folder)
 - Filenames
 - ...
 - ...
 - ...
 - fileConvert.py
- main.py

After you run the file conversion script by typing:

```
python3 fileConvert.py
```

You should have converted files now in your ORIGINAL_FILES directory; move the new CSV files into same directory as main.

Your new file structure should look like:

- ORIGINAL_FILES
 - Filenames
 - ...
 - ...
 - ...
 - FileConvert.py

- ALBERTA_1980_2021_MALE.csv
- ALBERTA_1980_2021_FEMALE.csv
- NOVASCOTIA_1920_2022_MALE.csv
- NOVASCOTIA_1920_2022_FEMALE.csv
- main.py

Running the main.py file:

To run the main.py file, you can simply run:

```
chmod 777 main.py
```

```
./main.py -a FileOneMale -b FileOneFemale -c FileTwoMale -d FileTwoFemale
```