

# Importing data

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## Pull ACS Data from IPUMS

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## Setting up your data pull

- Create an account
- Select the most recent ACS (1-year) data for your sample
- Select the following person-level variables: Age; Race; Hispanic ethnicity; Educational attainment; Employment status; poverty status; Wage and salary income; Interest dividend, and rental income
- Select the following household-level variables: Total Household Income
- Create data extract (format as comma separated .csv)
- Move to project directory

- (optional for windows) Install Git for Windows
  - Set git bash as default terminal in tools-> global options -> terminal
  - or use 7zip or other archive utility
- on terminal **gunzip usa\_001.tar.gz**
- create **./data/** and move the .csv file there

- Use `getwd()` to identify your file path
- Use the file browser to locate your working directory in the GUI
- Paths and relative paths: Note the differences between `.` and `~`

We can use **read** functions to import data. Here we will use **read\_csv**.  
For now, just give it one argument, the file path, and assign it to an object

```
acs<-read_csv("./data/usa_00082.csv")
```

Commence analysis!

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