

# Before Midterm

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We will be using data from the Sept 2019 and 2018 microdata for our midterm. Let me walk you through this process to download the data for our analysis. You may also find this article help.

1. Go to IPUMS CPS Website log into your account first.
2. Under **Data**, click **BROWSE AND SELECT DATA**
3. Click **PERSON** → **CORE** → **WORK**
4. Add the variable **EMPSTAT** and **OCC** to cart. Change the plus symbol to a check symbol.
5. Note that there is a brownish box on the top called **SELECT SAMPLES**, click it.
6. Select the sample for our analysis.
  - a. Click the tab **BASIC MONTHLY (X of XXX selected)**. Uncheck all the selected samples, and choose only the boxes **Sep** in the rows **2019** and **2018**.
  - b. Click the tab **ASEC (X of XXX selected)**. Uncheck all the selected samples.
7. Note that there is a brownish box on the top called **SUBMIT SAMPLE SELECTIONS**, click it.
8. Note that there is a brownish box on the top called **VIEW CART**, click it. And then click **CREATE DATA EXTRACT** → **SUBMIT EXTRACT**
9. Once the data are ready for download, download the following files and put them in the **same folder**. And set this folder as your working directory.
  1. R file under **Command Files**
  2. DDI file under **Codebook**
  3. Data file under **DATA** (It appears that if you directly click this file, it will automatically be downloaded and uncompressed to the file in **.dat** format. If you “download the linked file as”, a compressed file will be downloaded and you have to find a software to uncompress it first.)
10. Unzip the data file in the format **.gz** if not in the **.dat** format.
11. Read the data into **R**.
12. Check whether you have downloaded the data correctly. You should have 242,593 observations of 10 variables.