Python for Data Analysis and Visualization (Fall 2024)

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Session 1 (Oct 14, 2024)

**Session 1 In-class Exercises**

Exercise One:

1. From the SAFI\_results.csv file extract all of the records where the C01\_respondent\_roof\_type (index 18) has a value of 'grass' and the C02\_respondent\_wall\_type (index 19) has a value of 'muddaub' and write them to a file.
2. Within the same program write all of the records where C01\_respondent\_roof\_type (index 18) has a value of 'grass' and the C02\_respondent\_wall\_type (index 19) has a value of 'burntbricks' and write them to a separate file.

\*\*In both files include the header record.\*\*

Exercise 2:

1. Write the code to print each country in the data file gdp\_africa.csv and that country’s mean gdp between 1952 and 1982.
2. Now write the code to print each year (as represented by the column headings) in gdp\_africa.csv and the mean GDP in Africa that year. How does your code differ from part one?