

Week Three - Assignment

PART 1 – INDIVIDUAL

1. Import the population datasets.
2. Filter the dataset to include only rows where regions equal Western, Greater Accra, Volta, Savannah, Northern and Ashanti.
3. Select the columns region, a11d, and p02 from the dataset.
4. Rename the column urbrur to urban_rural, a11d to sex, p02 to age.
5. Group the data by region and calculate the mean age for each region using group_by and summarise function.
6. Pivot the data to make a wider format with region as columns, mean age as values.

PART 2 - GROUP

1. Visit the Ghana Statistical Service website and select two or more datasets of your choice. Provide the links or file names for the selected datasets.
2. Load the selected datasets in R and merge them based on a common key or variable? Consider using the (dplyr) package and the pipe operator (%>%) for data manipulation.
3. Perform basic data wrangling tasks, such as filtering, selecting columns, creating new variables, etc., using the merged dataset.
4. Provide at least two meaningful insights or trends that you would generate from the merged and wrangled dataset. Remember to include explanations or interpretations for each insight.