**Week Three Assignment**

**Exercises**

**Part 1**

1. Retrieve any dataset containing a meaningful date column.

2. In R, use appropriate commands to check the class of the date variable in the dataset.

3. If the date variable is not of class “**Date**”, apply the necessary functions to convert it to an appropriate date type. Provide the code for this conversion.

4. Write code to extract specific components (e.g., day, month, year) from the date variable based on some conditions from the dataset (e.g., which year and month was the highest inflation recorded in Ghana)

**Part 2**

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.