

Lab 2: Data Structure and Column Contents

Dr Austin R Brown

INSTRUCTIONS: For this assignment, please thoroughly read the below instructions and complete the tasks as outlined in each coding language. Once you have completed the assignment, please download your .sas, .R, and .ipynb files and submit them to the appropriate assignment folder in D2L.

1. Using the Movie Dataset 2023.csv file, please:
 - a. Upload the file to RStudio Cloud, SAS Studio, and Google Colab.
 - b. Read the dataset into R, SAS, and Python.
 - c. Display the first 10 rows of the dataset in R, SAS, and Python.
 - d. Determine the number of rows and columns in the dataset using R, SAS, and Python.
 - e. Determine the number of numeric and character variables in the dataset using R, SAS, and Python.
 - f. Determine the number of missing values for each variable in the dataset using R, SAS, and Python.