

Module 1: Case Study 1 - Data Exploration

Problem Statement:

Consider yourself to be Sam, who is undertaking the data science course at a prestigious university. Your first exam would be on Data Exploration. You will be asked questions on what you've learnt in the respective module.

Tasks to be performed:

1. Extract these individual columns with the '\$' symbol:
 - a. Extract 'InternetService' column and store it in 'customer_internet_service'
 - b. Extract 'PaperlessBilling' column and store it in 'customer_Paperless_Billing'
 - c. Extract 'StreamingTV' column and store it in 'customer_Streaming_TV'
 2. Extract the 3rd, 6th and 9th columns from the 'customer_churn' data.frame & store it in 'customer_random_columns'
 3. Extract all the columns from column number-10 to column-number 20 and store the result in 'customer_10_20'
 4. Extract only these row numbers: 65, 765, 3726 & 7000 and store the result in 'customer_random_rows'
 5. Extract all the rows starting from row number-655 to row number-6550 & store the result in 'customer_continuous_rows'
 6. Extract row numbers- 10, 100 & 1000 & column numbers- 5, 10, 15 & store the result in 'customer_random_data'
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