

Module 1: Assignment 21 – Lists

Problem Statement:

Sam is given the below task for understanding List.

Tasks to be performed:

1. Create a list named `internet_service` using the following condition:
 - a. A character vector that consists of name of the internet services as “DSL”, “Fiber Optic”, “Cable Broadband”, and “Wireless”.
 - b. A numeric vector that consists of values from 30 to 40
 - c. A logical vector having 6 values as: True, False, True, True, True, and False
 2. Create a list named `payment_method` using the following condition:
 - a. A character vector comprising of payment methods as: ‘Electronic Check’, ‘Mailed Check’, ‘Credit Card’, and ‘Online Transfer’.
 - b. A numeric vector that consists of values from 85-95
 - c. A logical vector having 6 values as: True, True, False, True, False, and True.
 3. Create a list named `contract_list` using the following condition:
 - a. A character vector comprising of contract type as: “Month to month”, “One Year”, “Two Year”, and “Three Year”.
 - b. A numeric vector comprising of five values as: ‘1’, ‘12’, ‘17’, ‘32’, and ‘72’.
 - c. A logical vector comprising of four values: True, False, True, and True.
 - i. Now, extract the 2nd value from the first element of the list
 - ii. Extract the 3rd value from the 2nd element of the list
 - iii. Extract the 4th value from the 1st element of the lists
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