

Module 1: Assignment 12 – Calculating Number of Rows & Columns

Problem Statement:

Sam has to extract the records of the students from placement data according to varying conditions. Below are the tasks that need to be performed:

Tasks to be performed:

1. Check how many rows and columns are there in the dataset?
 2. Extract the data of people who are having the branch as Sci&Tech who are employed. Then, check how many such people are there who are employed by finding the number of rows that contains the data of employed people.
 3. Find the number of rows of female students who are from Arts and Commerce stream.
 4. Fetch the number records of all the students as per the following condition:
 - a. Students who are placed
 - b. Students who are earning more than 300000
 - c. Also find the number of such student
 5. Find the number of columns having data type as following:
 - a. Integer
 - b. Factor
 - c. Numeric
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