

**BDTM: Big Data Tools for Managers**  
**1<sup>st</sup> Internal Question Pattern**

- Q1. Create Vectors/Matrices/Data Frame/Lists in R and display the elements. [5]
- Q2. Import data Excel/SPSS/CSV files in R; Display Structure and Dimension of data. [5]
- Q3. Read dataset, perform simple regression in R and display the regression summary [10]
- Q4. Create tables in SQL and insert & select the records. [15]
- A. CREATE table
  - B. INSERT INTO table
  - C. SELECT records
- Q5. Data Analysis Case Study: [15]
- A. Read csv file
  - B. Display structure & dimension of data
  - C. Data display head/tail/sample/subset
  - D. Get the summary of data
  - E. Count frequency using Table function
  - F. Display unique values of any columns
  - G. Access variable using (\$)
  - H. Display data in excel format
  - I. ...
  - J. ...
  - K. ...s