Data Analytics

Session 3 – Introduction to working with R

**Assignment – 3.2**

**1). Introduction**

This assignment will help you to understand the key concepts learnt in this session.

**2). Objective**

This assignment will test your skills on Operations on Data Structures in R.

**3). Prerequisite**

Not Applicable

**4). Associated Data Files**

Not Applicable

**5). Problem Statement**

1. Define matrix mymat by replicating the sequence 1:5 for 4 times and transforming into a matrix, sum over rows and columns.

Ans:

#Type-1

m=matrix(1:5, 5,4)

m

colSums(m,na.rm = FALSE,dims = 1)

rowSums(m,na.rm = FALSE,dims = 1)

sum(m,na.rm=TRUE)

#Type-2

mymat=matrix(rep(seq(5), 4), ncol = 5)

mymat

colSums(mymat,na.rm = FALSE,dims = 1)

rowSums(mymat,na.rm = FALSE,dims = 1)

sum(mymat,na.rm = TRUE)

**6). Expected Output**

Not Applicable