# Acadgild-Dataanalytics-session3-Assignment2

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

**b<-matrix(rep(1:5), nrow=5, ncol=4);b**

**colSums(b)**

**rowSums(b)**

**> b<-matrix(rep(1:5), nrow=5, ncol=4);b**

**[,1] [,2] [,3] [,4]**

**[1,] 1 1 1 1**

**[2,] 2 2 2 2**

**[3,] 3 3 3 3**

**[4,] 4 4 4 4**

**[5,] 5 5 5 5**

**> colSums(b)**

**[1] 15 15 15 15**

**> rowSums(b)**

**[1] 4 8 12 16 20**