Module 7

Matrix functions

- **chooseMatrix(n,m)**

Function to create a matrix of *choose(n,m)* rows and **n** columns. Each row has **m** 1sand the other elements are 0, arranged in a manner reflecting one possible selection.

- **NROW(x)/NCOL(x)**

Returns the number of rows or columns in matrix **x.**

Set seed

- **set.seed(x)**

Sets the seed of R's random number generator, which is useful for creating simulations or random objects that can be reproduced. The seed **x** is a number that is used to set the starting point for generating a series of random numbers. Each unique seed returns a unique random number sequence and once a seed is set, the same sequence can be produced repeatedly.