Practical – 6

1) Many statistical tools and techniques used in data analysis are based on probability. A probability distribution describes how a random variable is distributed; it tells us which values a random variable is most likely to take on and which values are less likely. In statistics, there are a range of precisely defined probability distributions that have different shapes and can be used to model different types of random events. Implement the following probability distributions using the csv files given.

   a) Uniform Distribution
   b) Normal Distribution
   c) Binomial Distribution
   d) Geometric and Exponential Distribution
   e) Poisson Distribution

   Datasources:

   Gendersubmission.csv

   Test.csv

   Train.csv