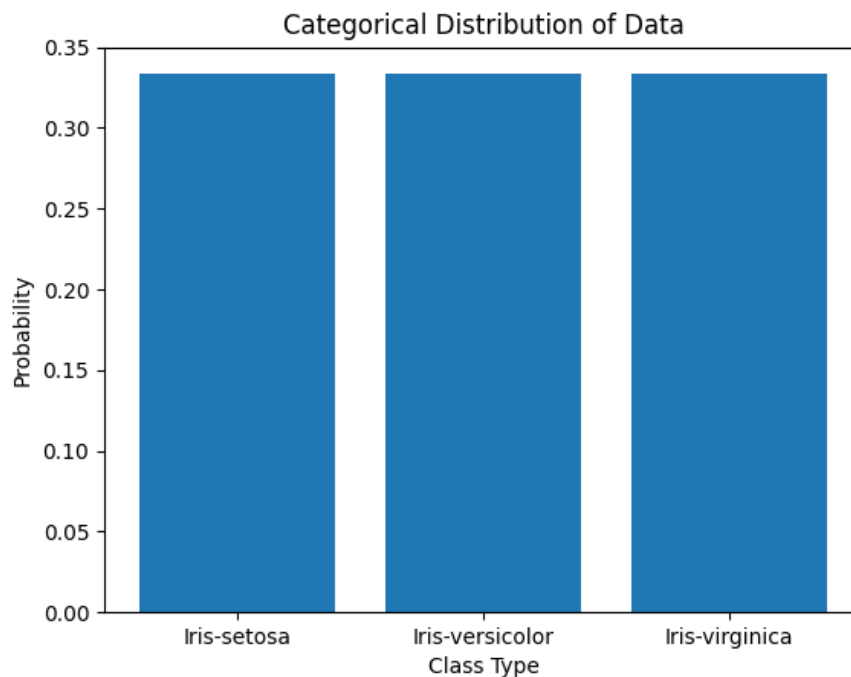


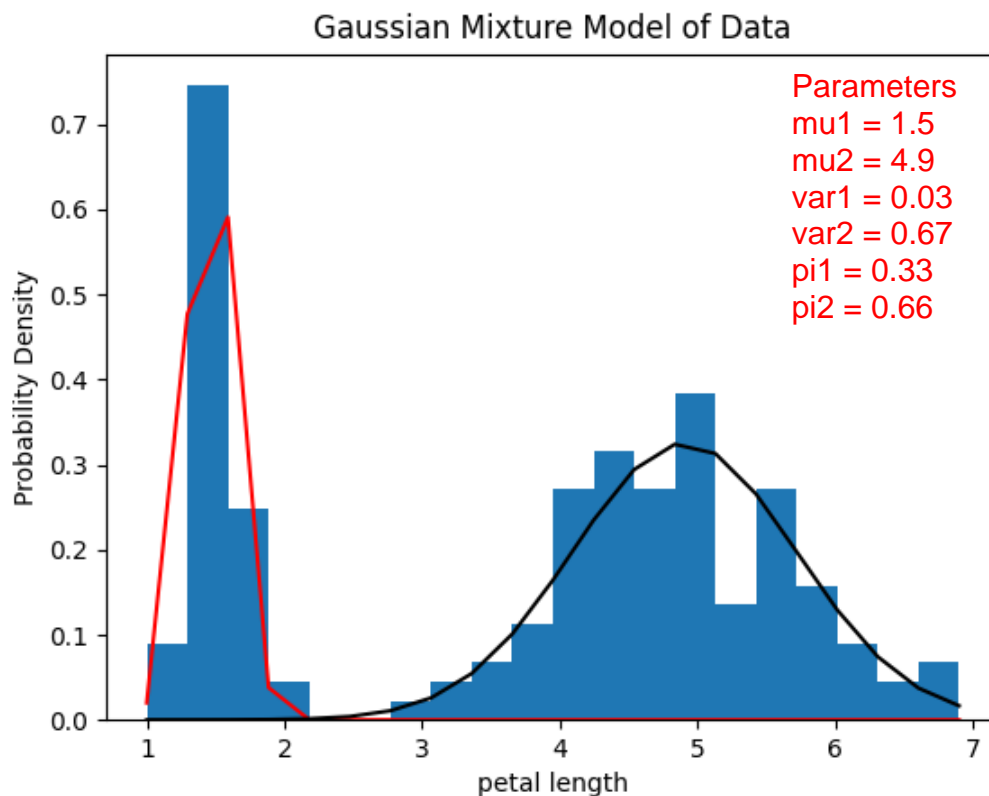
Please run python files to generate these results

EM Gaussian mixture model code gives different parameters each time. Results here for mixture models are decided after running code several times and manually to fit the data.

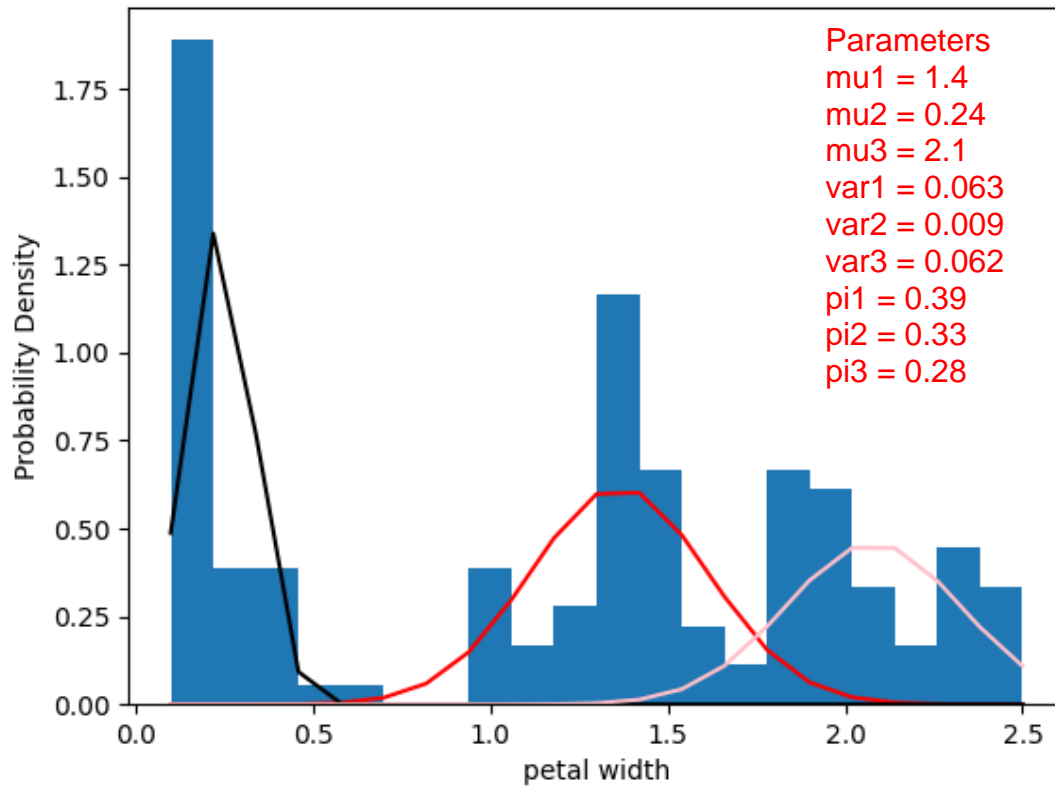
IRIS DATA SET



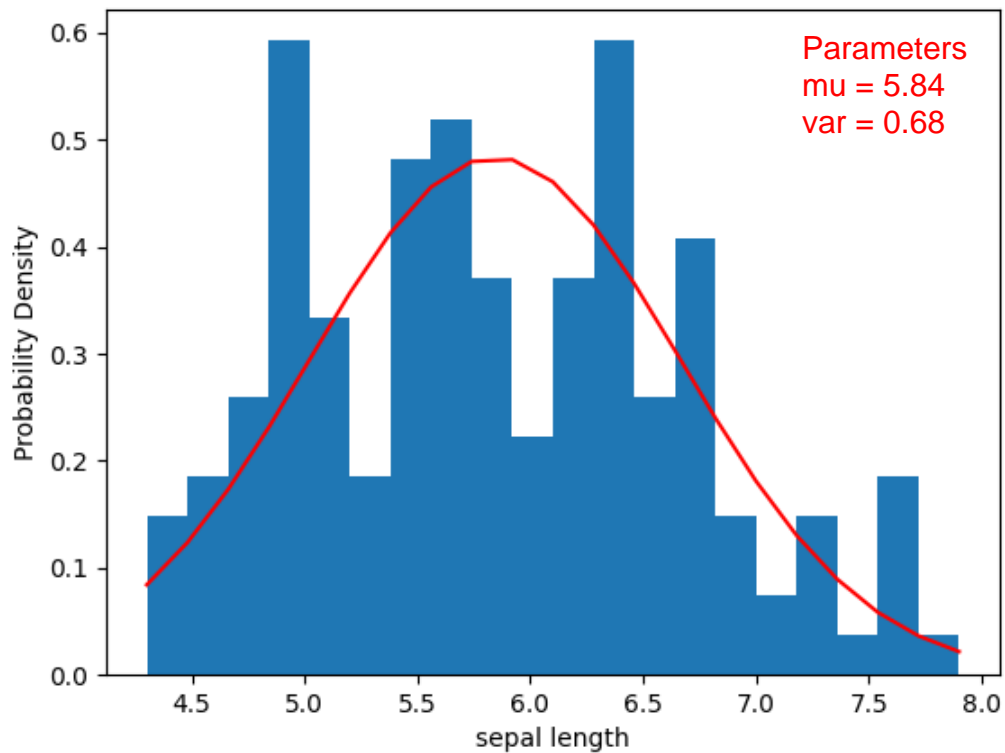
$P(\text{Iris-setosa}) =$
 $P(\text{Iris-versicolor})$
 $= P(\text{Iris-virginica})$
 $= 0.33$

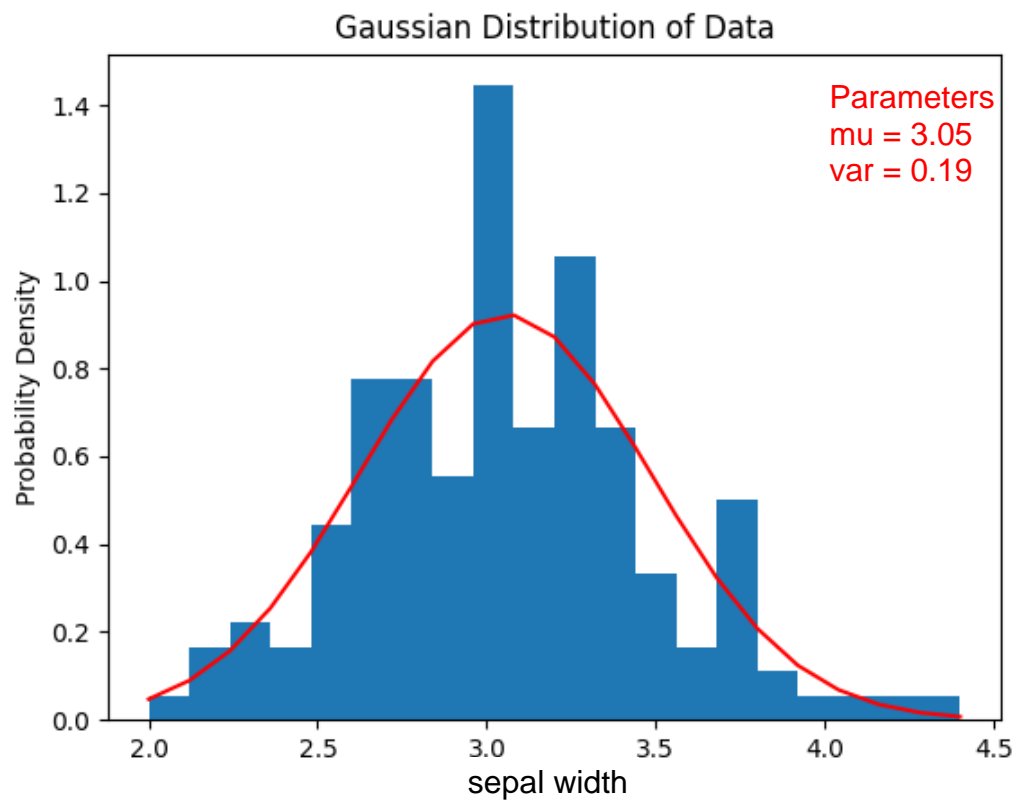


Gaussian Mixture Model of Data

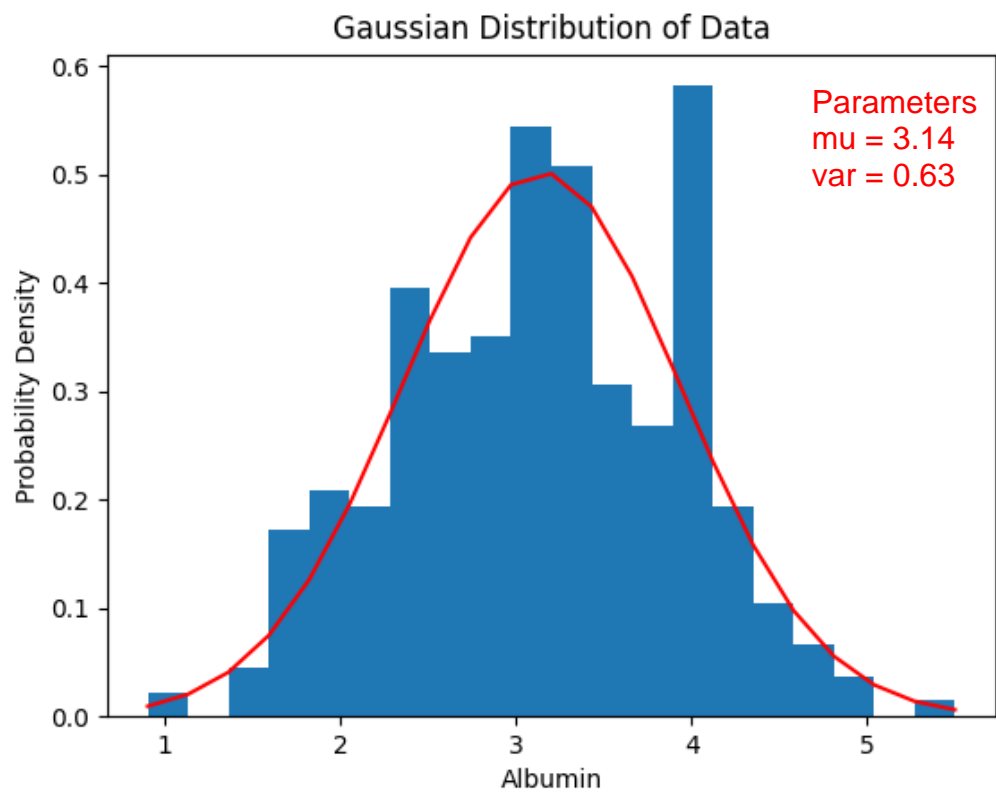
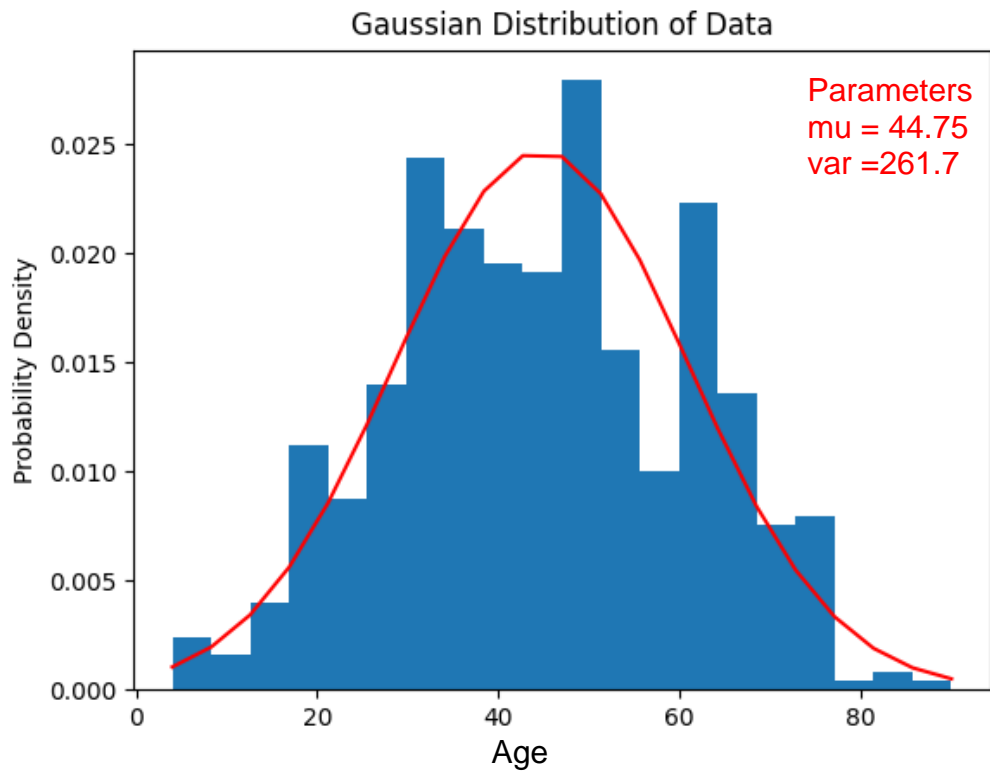


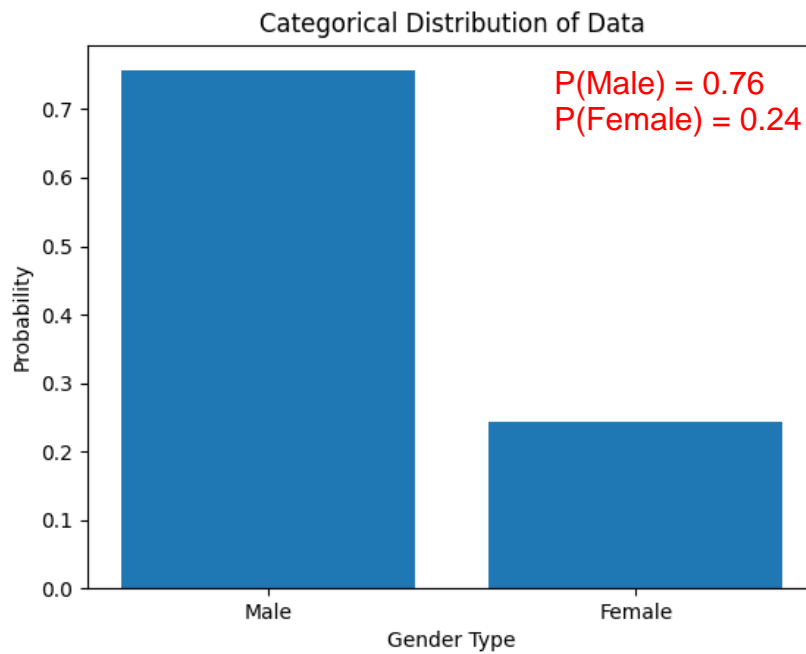
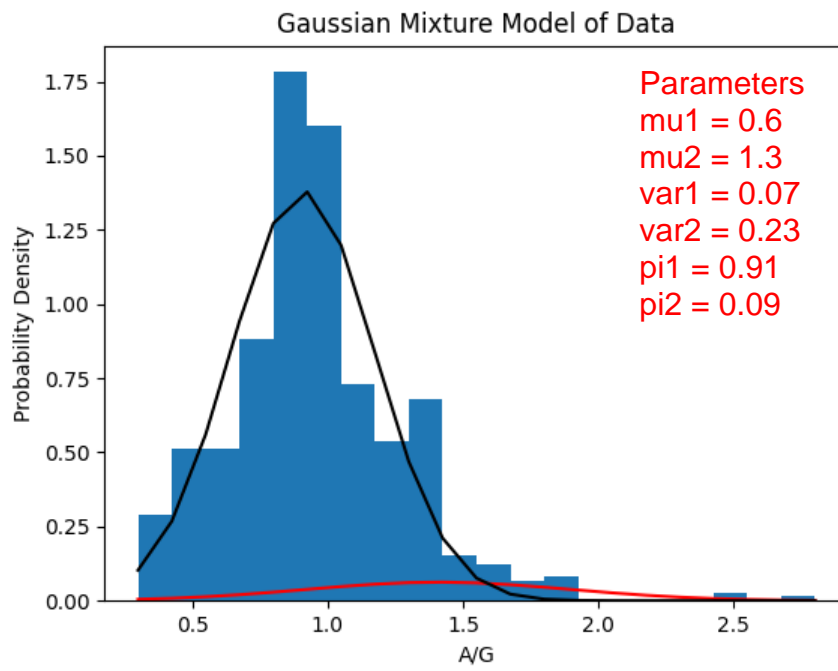
Gaussian Distribution of Data

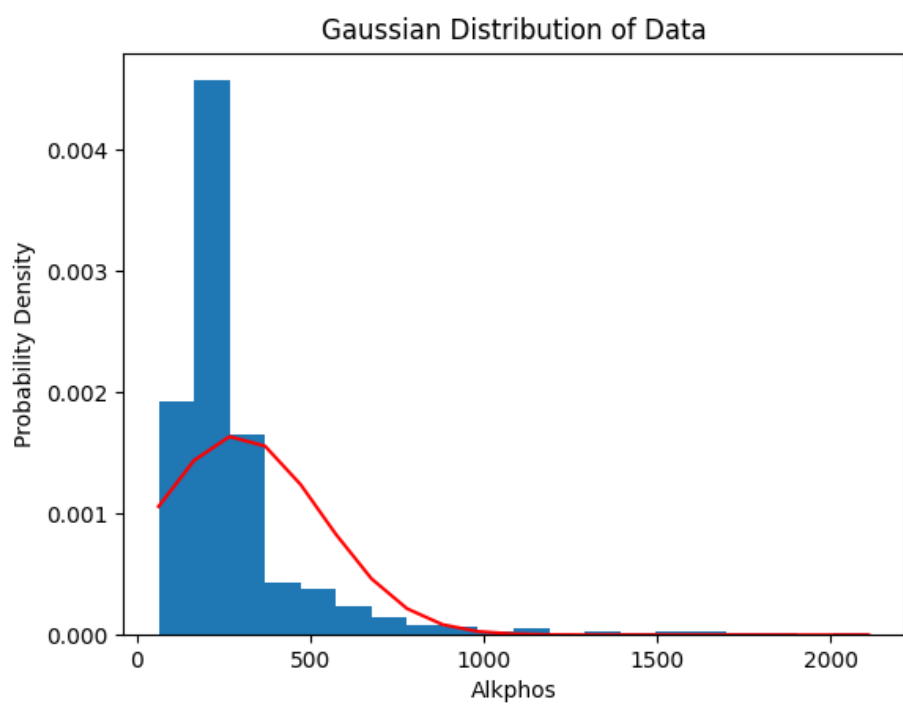
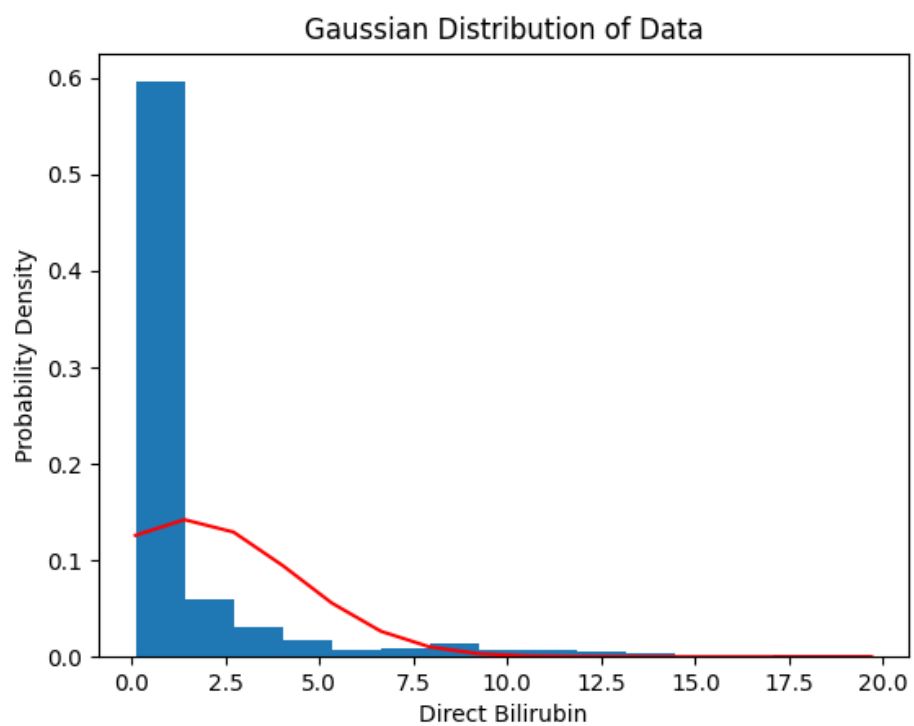


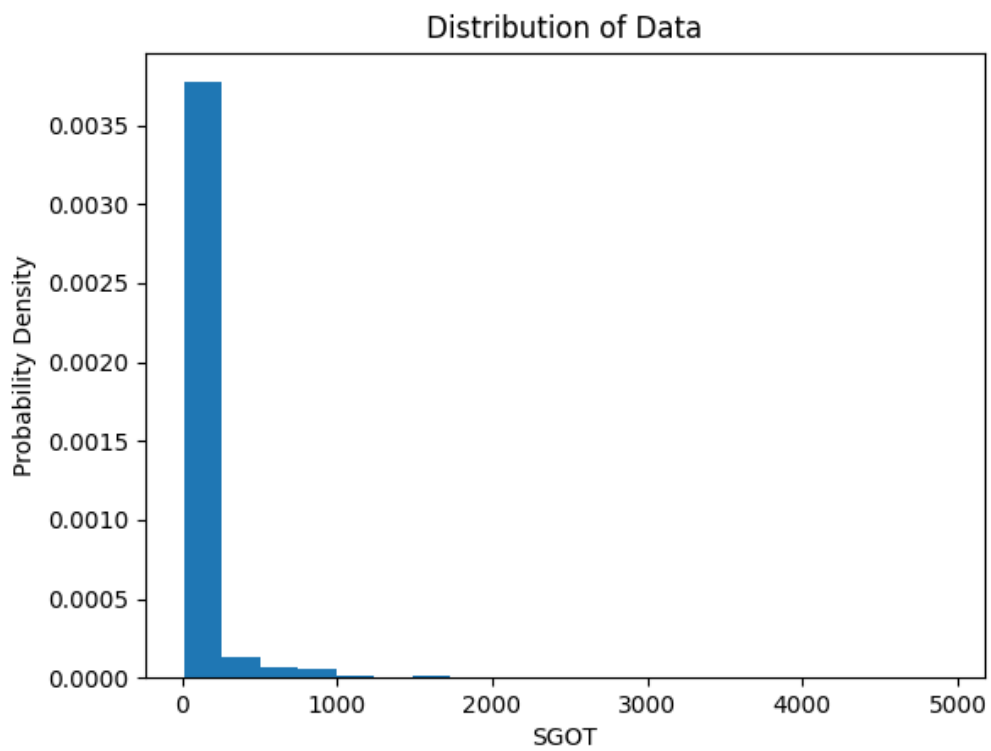
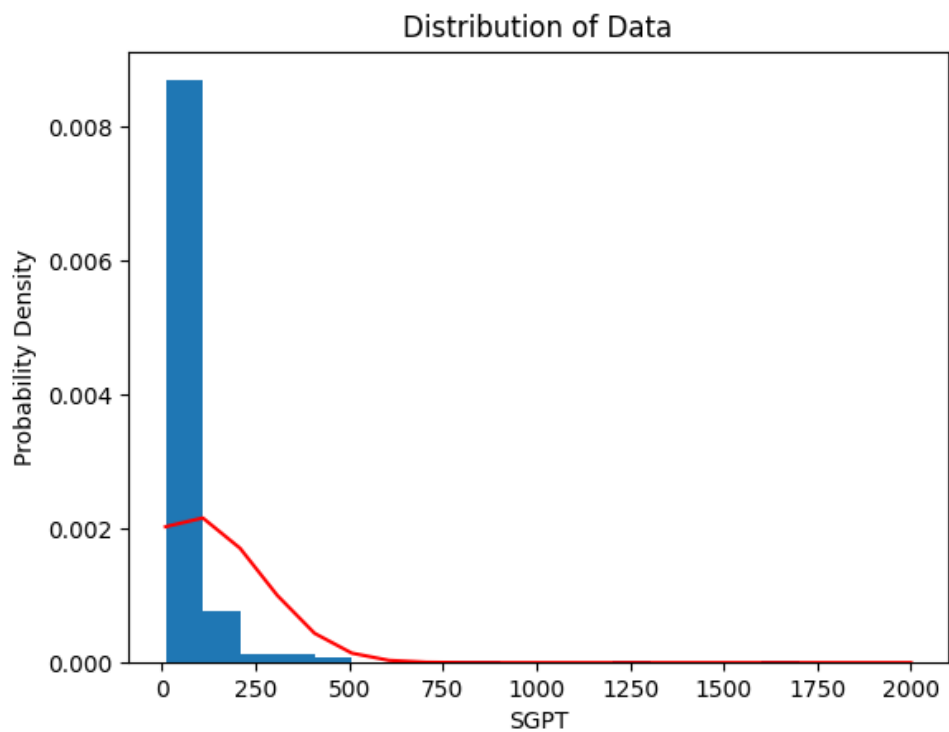


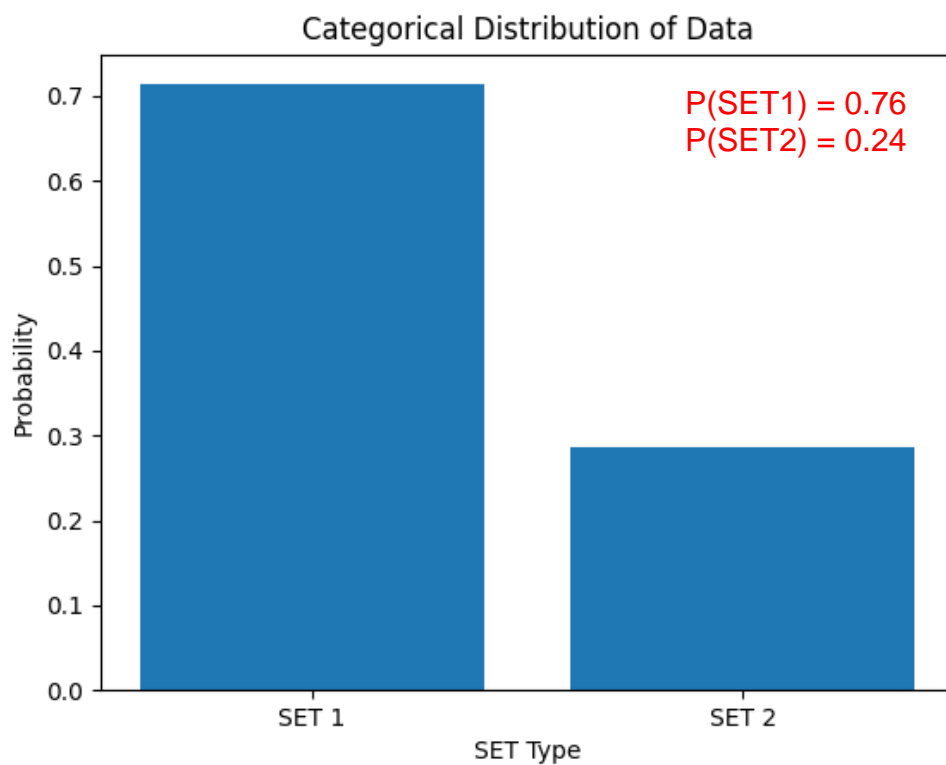
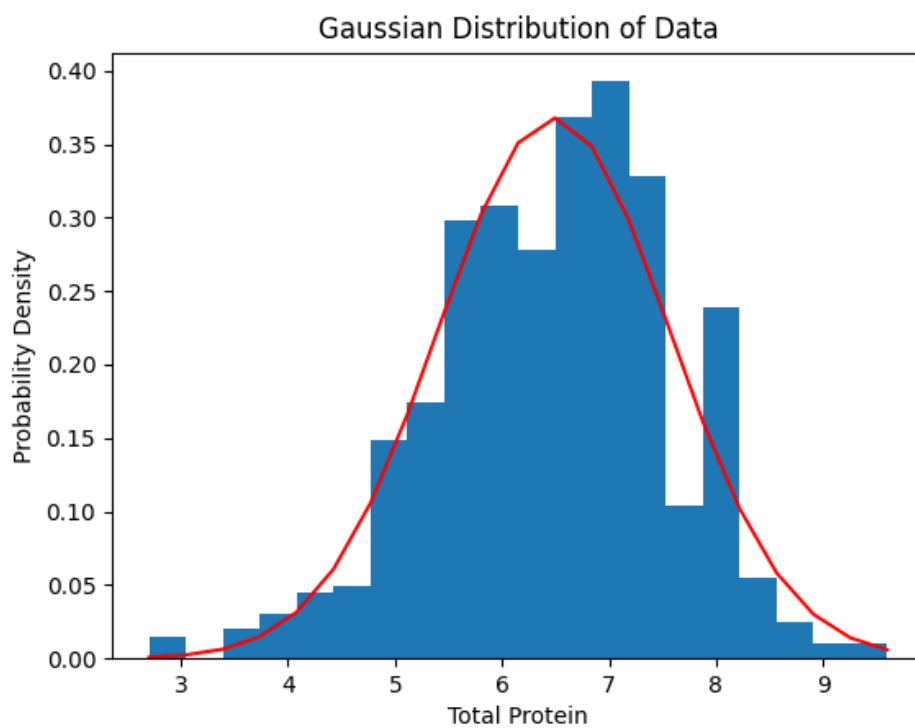
Indian Liver Patient Data Set











Probability Distribution of Data

