Problem 1. NaiveBayes
The date file, *data.csv*, contains observations on the impact of a number of treatment protocols on patients, where
Age is the age of the patient
Treatment is the treatment protocol (A, B or C)
Outcome describes the treatment as Ineffective(I), Good(G) or Excellent(E).

For this Q, let's assume/pretend that Age is normally distributed (so that no transformation is necessary.)

Design and code up a naive Bayes classifier to
[a] predict the probabilities that
treatment A on an 50-year old patient will turn out to be Good,
treatment A on an 50-year old patient will turn out to be Excellent
treatment B on an 50-year old patient will turn out to be Good,
treatment B on an 50-year old patient will turn out to be Excellent
treatment C on an 50-year old patient will turn out to be Good,
treatment C on an 50-year old patient will turn out to be Excellent

[b] identify the treatment you'd recommend for an x-year old patient. Briefly justify your recommendation.

You may find the following resources useful.
https://scikit-learn.org/stable/modules/generated/sklearn.naive_bayes.GaussianNB.html
https://scikit-learn.org/stable/modules/generated/sklearn.naive_bayes.MultinomialNB.html