Assignment-Y

The given **n=1000** Samples are generated from a **Continuous** probability distribution. Your tasks are to:

a. Hypothesize a distribution that best represents the data, using necessary Summary Statistics.

b. Estimate the parameter(s) of your hypothesized distribution by MLE.

c. Test how well your fitted distribution agrees with the set of data at level $\alpha = 5\%$, grouped by 50 distinct intervals.

Notes:

I. Handwrite the answers (only, at least) in a paper and scan to make a pdf.

II. Rename the pdf as " 1805XXX_CT*Y* " where *Y* indicates the CT no. you couldn't attend.

III. You can write a Code or simulate on Excel to do the necessary calculations. [In this case, please provide the Code/Excel file (with instructive comments) along with the pdf]