Homework 2

Total points : 10

1. Download a univariate data and check whether the normalized observations of the data set can be considered as the observations are generated from standard normal distribution or not.

Points : 5

2. Check whether after appropriate normalization, the sample mean, the sample median and the sample mode follow normal distribution or not for a sufficiently large sample size.

Points : 5

Deadline: Deadline of submission is February 09, 2025.

Remark: You can use any package or any programming language to carry out the study.