



ASSIGNMENT NO. 1: Six Sigma Overview and Data Analysis

Last date of submission: 21th November 2022 (Monday); during 11.15 am lecture

1. Explain Six Sigma as a Methodology.
2. Describe Voice of Process and Voice of Customer with an example each from software engineering domain or civil engineering domain.
3. For the following data compute mean, median, mode and standard deviation
 - (i) 12, 20, 19, 25, 22, 26, 28, 10, 18, 24
 - (ii)

Class interval	Frequency
1-10	12
11-20	18
21-30	24
31-40	16
41-50	10

4. Compute IQR, Skewness index and Kurtosis index for 8, 6, 7, 10, 6, 11, 8, 12, 10.