**DataScience – Univariate**

**Kurtosis & Skewness Assignment**

Interpretation of Skewness & Kurtosis

SSC % (ssc\_p):

Skewness is –0.13, showing the distribution is left-skewed, meaning a few students scored lower than the rest.

Kurtosis is –0.60, indicating **playtkurtic**, a flatter distribution with marks spread out and fewer extreme outliers.

HSC % (hsc\_p):

Skewness is 0.16, showing a right skew, so few scores are higher.

Kurtosis is –0.07, suggesting **playtkurtic**, a flatter curve, meaning the marks are spread out rather than sharply peaked.

Degree % (degree\_p):

Skewness is 0.20, showing a right skew, where a few students scored higher than the majority.

Kurtosis is –0.09, again indicating **playtkurtic**, a flatter spread than normal.

Employability Test % (etest\_p):

Skewness is 0.28, meaning the distribution is right-skewed, with some higher scores pulling the tail.

Kurtosis is –1.09, suggesting **playtkurtic**, a much flatter distribution, so marks are widely spread.

MBA % (mba\_p):

Skewness is 0.31, indicating a right skew, with a few students performing better than the rest.

Kurtosis is –0.47, showing **playtkurtic**, a flatter distribution with less sharp peak.

Salary:

Skewness is 0.80, which means salaries are positively skewed—most employees earn lower while a few earn much higher.

Kurtosis is –0.23, indicating **playtkurtic**, so the distribution is flat and spread out rather than peaked.