**Data Science – Univariate**

**Inter Quarter Range Assignment**

SSC % (ssc\_p)

IQR (15.1): Middle 50% of students of SSC scores lie within a range of 15 marks.

1.5×IQR (22.65): Outlier detection boundary is set at 22.65.

Lesser Range (37.95): Any value below 37.95 is a low-end outlier.

Greater Range (98.35): Any value above 98.35 is a high-end outlier.

HSC % (hsc\_p)

IQR (12.1): Middle 50% of students HSC scores vary within 12.1 marks.

1.5×IQR (18.5): Outlier detection range extends 18.5 from the quartiles.

Lesser Range (42.75): Any value below 42.75 is a low-end outlier.

Greater Range (91.15): Any value above 91.15 is a high-end outlier.

Degree % (degree\_p)

IQR (11.0): Middle 50% of students Degree scores vary within 11.0 marks.

1.5×IQR (16.5): Outlier boundary range is 16.5 marks.

Lesser Range (44.5): Scores below 44.5 are low-end outliers.

Greater Range (88.5): Scores above 88.5 are high end outliers.

MBA % (mba\_p)

IQR (8.31): MBA scores are with 8.31 marks spread in the middle 50%.

1.5×IQR (12.465): Outlier threshold range is 12.465 marks.

Lesser Range (45.48): Scores below 45.48 would be low-end outliers.

Greater Range (78.72): Scores above 78.72 would be high-end outliers.

Employability Test % (etest\_p)

IQR (23.5): Middle 50% of etest scores lie within a spread of 23.5 marks.

1.5×IQR (35.25): Outlier cut-off extends 35.25 marks from the quartiles.

Lesser Range (24.75): Any value below 24.75 would be low-end outlier.

Greater Range (118.75): Any value above 118.75 is a high-end outlier.

Salary

IQR (60000): Middle 50% of salaries lie within a range of ₹60,000.

1.5×IQR (90000): Outlier threshold range is ₹90,000.

Lesser Range (150000): Salaries below ₹1,50,000 would be considered low-end outliers.

Greater Range (390000): Salaries above ₹3,90,000 are high-end outliers.