

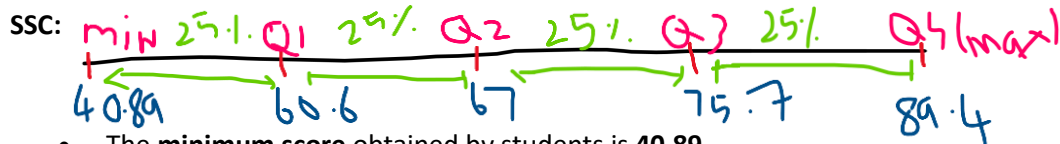
# Percentile Assignment

This assignment explains the **percentile** of the MBA Placement dataset

[40]:

	sl_no	ssc_p	hsc_p	degree_p	etest_p	mba_p	salary
Mean	108.0	67.303395	66.333163	66.370186	72.100558	62.278186	288655.405405
Median	108.0	67.0	65.0	66.0	71.0	62.0	265000.0
Mode	1	62.0	63.0	65.0	60.0	56.7	300000.0
Min	1.0	40.89	37.0	50.0	50.0	51.21	200000.0
Q1-25%	54.5	60.6	60.9	61.0	60.0	57.945	240000.0
Q2-50%	108.0	67.0	65.0	66.0	71.0	62.0	265000.0
Q3-75%	161.5	75.7	73.0	72.0	83.5	66.255	300000.0
99th	212.86	87.0	91.86	83.86	97.0	76.1142	NaN
Q4-100%	215.0	89.4	97.7	91.0	98.0	77.89	940000.0

The above table shows the **Percentile values** for SSC, HSC, Degree, Entrance Test, MBA, and Salary. It describes how the values are distributed within each quartile.



- The **minimum score** obtained by students is **40.89**.
- The **first 25%** of students scored between **40.89 and 60.6**.
- The **second 25%** of students scored between **60.6 and 67**.
- The **third 25%** of students scored between **67 and 75.7**.
- The **top 25%** of students scored between **75.7 and 89.4**.
- The **maximum score** recorded is **89.4**.

HSC:

- The **minimum score** obtained by students is **37.0**.
- The **first 25%** of students scored between **37.0 and 60.9**.
- The **second 25%** of students scored between **60.9 and 65**.
- The **third 25%** of students scored between **65 and 73**.
- The **top 25%** of students scored between **73 and 97.7**.
- The **maximum score** recorded is **97.7**.

**Degree Percentage:**

- The **minimum score** obtained by students is **50.0**.
- The **first 25%** of students scored between **50.0 and 61.0**.
- The **second 25%** of students scored between **61.0 and 66.0**.
- The **third 25%** of students scored between **66.0 and 72.0**.
- The **top 25%** of students scored between **72.0 and 91.0**.
- The **maximum score** recorded is **91.0**.

**Entrance Test (eTest) Percentage:**

- The **minimum score** obtained by students is **50.0**.
- The **first 25%** of students scored between **50.0 and 60.0**.
- The **second 25%** of students scored between **60.0 and 71.0**.
- The **third 25%** of students scored between **71.0 and 83.5**.
- The **top 25%** of students scored between **83.5 and 98.0**.
- The **maximum score** recorded is **98.0**.

**MBA Percentage:**

- The **minimum score** obtained by students is **51.21**.
- The **first 25%** of students scored between **51.21 and 57.94**.
- The **second 25%** of students scored between **57.94 and 62.0**.
- The **third 25%** of students scored between **62.0 and 66.25**.
- The **top 25%** of students scored between **66.25 and 77.89**.
- The **maximum score** recorded is **77.89**.

**Salary:**

- The **minimum salary** offered is **₹200,000**.
- The **first 25%** of students received salaries between **₹200,000 and ₹240,000**.
- The **second 25%** of students received salaries between **₹240,000 and ₹265,000**.
- The **third 25%** of students received salaries between **₹265,000 and ₹300,000**.
- The **top 25%** of students received salaries between **₹300,000 and ₹940,000**.
- The **maximum salary** recorded is **₹940,000**.