

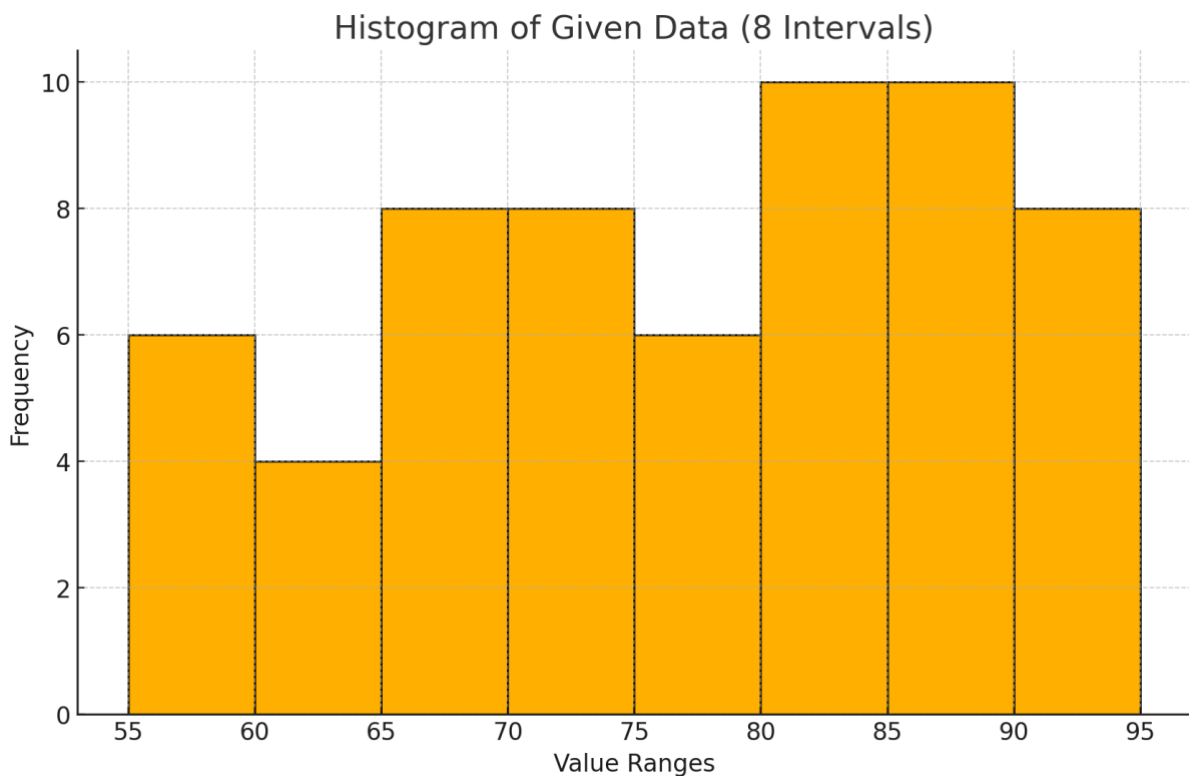
Problem Statement:

A group of 30 students took a math test, and their scores out of 100 were recorded as follows:

Scores: 78, 85, 62, 90, 55, 88, 92, 73, 68, 95, 81, 67, 83, 77, 84, 56, 69, 72, 87, 60, 65, 70, 75, 80, 85, 88, 91, 58, 74, 82

Tasks:

1. **Compute the Range:**
 - Find the range of the scores.
2. **Create a Distribution Table:**
3. **Draw a Histogram:**
 - Use the distribution table to create a histogram that represents the data.



A group of 40 employees at a company reported their monthly sales performance (in thousands of dollars) as follows:

Sales Figures (in \$000s): 12, 25, 45, 30, 29, 55, 62, 47, 52, 23, 28, 19, 35, 58, 67, 44, 40, 51, 39, 48, 33, 60, 70, 18, 36, 54, 50, 22, 31, 43, 57, 41, 49, 38, 61, 34, 21, 46, 32, 68

Tasks:

1. **Compute the Range:**
2. **Create a Distribution Table:**
 - Divide the sales figures into **5 intervals** of equal size.
 - Count how many employees fall into each interval and create a frequency distribution table.

3. Draw a Histogram:

- Use the distribution table to create a histogram that represents the data.

	Sales Interval	Frequency	
1	12-23	6	
2	23-35	9	
3	35-46	9	
4	46-58	10	
5	58-70	5	

