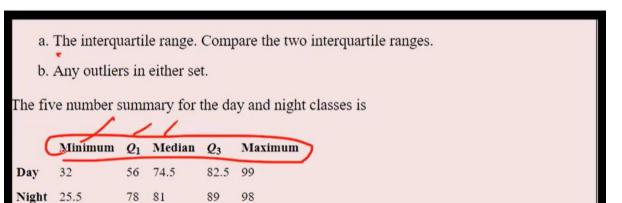
Lesser and Greater Outlier calculations



Let's calculate the **IQR**, **lesser outlier range**, and **upper outlier range** for both **Day** and **Night** using the provided values:

1. Day values:

- Min = 32
- **Q1** = 56
- Median = 74.5
- **Q3** = 82.5
- **Max** = 99

b. Calculations:

- IQR (Interquartile Range) = Q3 Q1 = 82.5 56 = 26.5
- Lesser Outlier Range = Q1 1.5 × IQR = 56 1.5 × 26.5 = 56 39.75 = 16.25
- **Upper Outlier Range** = Q3 + 1.5 × IQR = 82.5 + 39.75 = **122.25**

c. Outlier thresholds for Day:

- Any value < 16.25 is a lesser outlier → None, since min = 32
- Any value > 122.25 is a greater outlier → None, since max = 99

2. Night values:

- Min = 25.5
- **Q1** = 78
- Median = 81

- **Q3** = 89
- **Max** = 98

b. Calculations:

- IQR = Q3 Q1 = 89 78 = 11
- Lesser Outlier Range = Q1 1.5 × IQR = 78 16.5 = 61.5
- Upper Outlier Range = Q3 + 1.5 × IQR = 89 + 16.5 = 105.5

c. Outlier thresholds for Night:

- Any value < 61.5 is a lesser outlier → 25.5 is an outlier
- Any value > 105.5 is a greater outlier → None, since max = 98

Conclusion table:

	IQR	Lesser Outlier Threshold	Greater Outlier Threshold	Outliers
Day	26.5	16.25	122.25	None
Night	11	61.5	105.5	25.5 (lesser outlier)