IQR=Q3-Q1

Lesser Outlier=Q1-(1.5\*IQR)

Greater Outlier=Q3+(1.5\*IQR)

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Description automatically generated

For the above problem:

1. **Day: Outlier Calculation**

IQR=Q3-Q1=82.5-56 = 26.5

1.5\*IQR= 1.5(26.5)=39.75

Lesser Outlier= Q1-(1.5\*IQR) =56-39.75 =16.25

Greater Outlier= Q3+(1.5\*IQR)=82.5+26.5=109

1. **Is there any outlier present for day?**

16.5 is lesser than minimum value 32, so **lesser outlier is present**

109 is greater than maximum value 99, so **greater outlier is present**

1. **Night: Outlier Calculation**

IQR=Q3-Q1=89-78 = 11

1.5\*IQR= 1.5(11)=16.5

Lesser Outlier= Q1-(1.5\*IQR) =78-16.5 =61.5

Greater Outlier= Q3+(1.5\*IQR)=89+16.5=105.5

1. **Is there any outlier present for night?**

61.5 is greater than minimum value 25.5, so **lesser outlier is not present**

105.5 is greater than maximum value 98, so **greater outlier is present**