

**Calculation Summary:**

1. **Quartiles and IQR Calculation:**

* **Day:**
  + **Q1** = 56
  + **Q3** = 82.5
  + **IQR** = Q3 - Q1 = 82.5 - 56 = 26.
* **Night:**
  + **Q1** = 78
  + **Q3** = 89
  + **IQR** = Q3 - Q1 = 89-78 = 11.

1. **Lesser and Greater Outlier Calculation:**

* **Day:**
  + **Lesser Outlier** = Q1 - 1.5 \* IQR  
    = 56 - 1.5 \* 26.5  
    = 56 - 39.75  
    = **16.25**
  + **Greater Outlier** = Q3 + 1.5 \* IQR  
    = 82.5 + 1.5 \* 26.5  
    = 82.5 + 39.75  
    = **122.25**
* **Night:**
  + **Lesser Outlier** = Q1 - 1.5 \* IQR  
    = 79 - 1.5 \* 11  
    = 79-16.5

= **62.5**

* + **Greater Outlier** = Q3 + 1.5 \* IQR  
    = 89 + 1.5 \* 11  
    = 89 + 16.5  
    = **105.5**

1. **Range for Identifying Outliers:**

* Outliers are any values below **16.25** or above **122.25** for **Day**.
* Outliers are any values below **62.5** or above **105.5** for **Night**.

1. **Checking the "Day" and "Night" Values:**

* **Day:**
  + Minimum = 32
  + Maximum = 99
* **Night:**
  + Minimum = 25.5
  + Maximum = 98

**Conclusion:**

* All "**Day**" values (minimum and maximum) fall within the range of **16.25** (Lesser Outlier) to **122.25** (Greater Outlier).
* “**Night**” values (minimum) value not fall within the range of **62.5** (Lesser Outlier) to **105.5** (Greater Outlier).
* There is a **Lesser outlier** **in** **Night value** dataset based on the IQR method.
* There are **no outliers in Day value** dataset based on the IQR method.