

Day IQR:

IQR=Q3-Q1=82.5-56=26.5

Day IQR=26.5

Day Lesser Outlier (DLO):

DLO=Q1-1.5\*IRQ=56-1.5\*26.5=16.25

Day Greater Outlier (DGO):

DGO: Q3+1.5\*IQR=82.5+1.5\*26.5=122.25

If any of data goes beyond the DLO (16.25) those data can be ignore. Similarly, data goes above the

DGO (i.e: 122.25) then we can ignore those data.

Conclusion: Minimum(32) and Maximum range (99) was with the limit of Day lesser Outlier(16.25) and Maximum outlier(122.22). So no data need to be eliminated.

Night IQR:

IQR=Q3-Q1=89-78=11

Night IQR=11

Night Lesser Outlier (NLO):

NLO= Q1-1.5\*IQR=78-1.5\*11= 61.5

Night Greater Outlier (NGO):

NGO=Q3+1.5\*IQR=89+1.5\*11= 105.5

If any of data goes beyond the NLO (61.5) those data can be ignore. Similarly, data goes above the

NGO (i.e: 105.5) then we can ignore those data.

Conclusion: For the Night Minimum data was 25.5 and Maximum data was 98, Calculated lesser data (61.5) and Maximum data(98), Maximum data was in with the limit but where as minimum data was outoff the limit so 25.5 can be ignored from the Data.