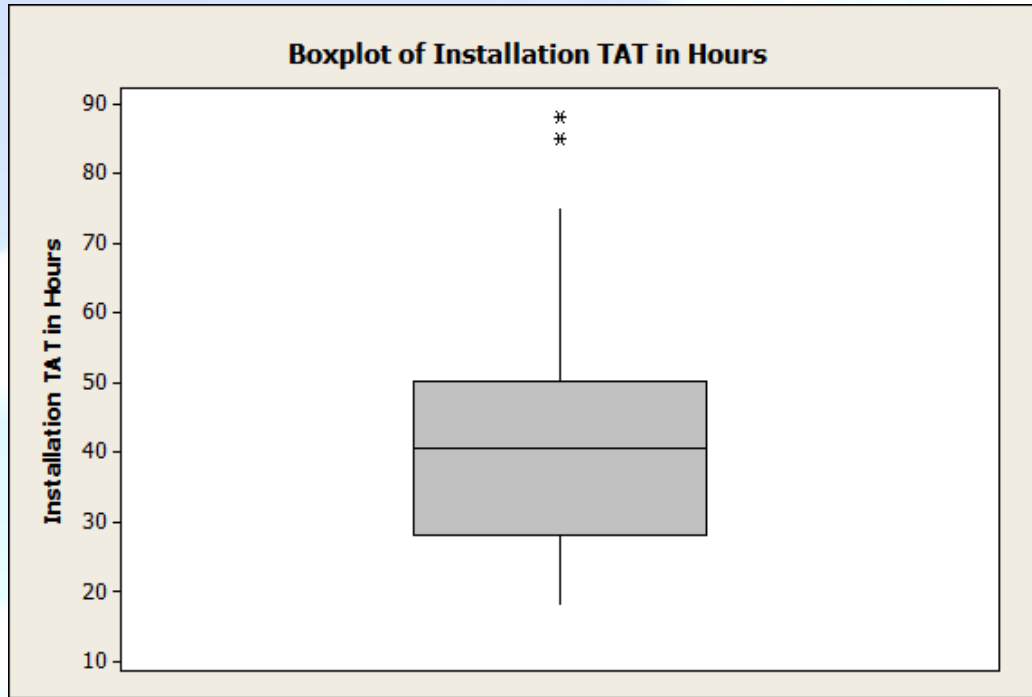


Solution 1 – Box-Plot



Interpretation of Results:

- 👍 Data appears to contain 'outliers' only on one side - top
- 👍 Data is left skewed as top 'whisker' is longer than bottom 'whisker'
- 👍 Special cause of variation & reason for outliers to be investigated, by reviewing fish-bone diagram

Solution 1 – Stem-and-leaf Display

Interpretation of Results:

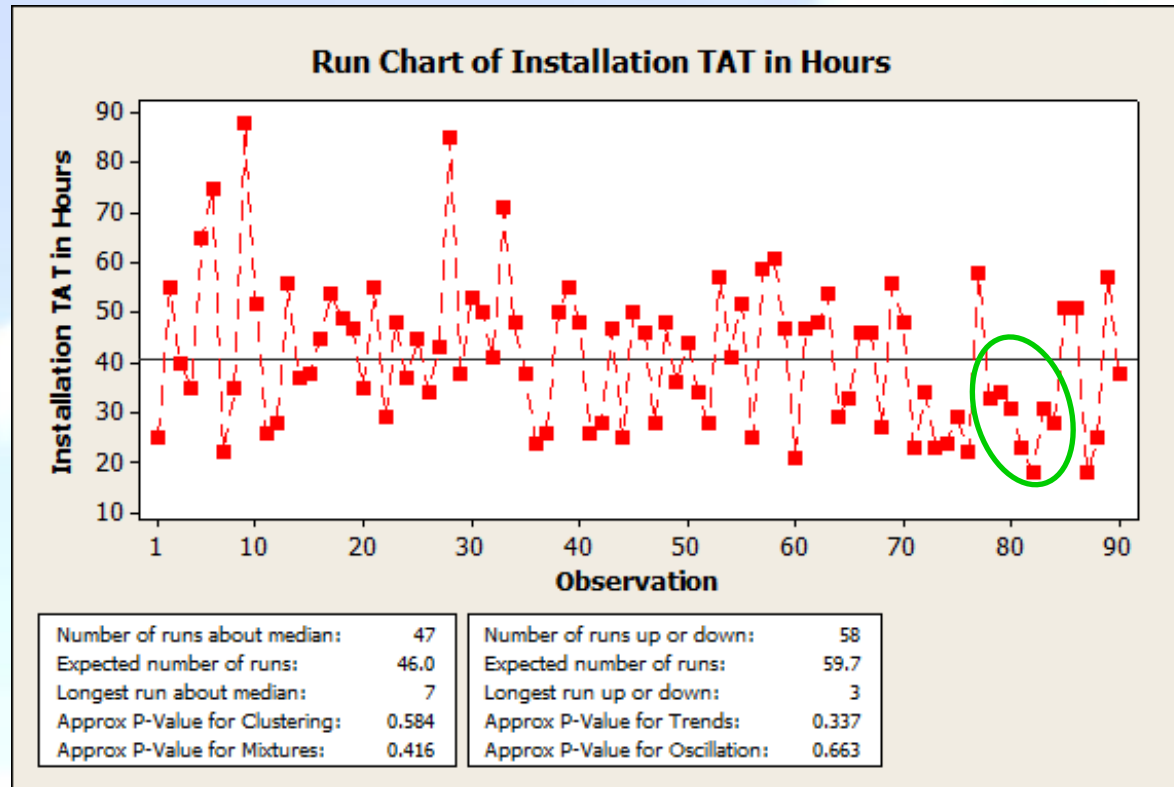
1. Leaf unit is 1
2. Leaf value for observations of 21, 22 & 23 is 1, 2 & 3 (and it appears in the 2nd row)
3. Leaf value for an observation of 55 is 5 (and it appears in the 9th row)
4. For a value of 18, the stem value is 1 as in 1st row
5. The median for this sample is 40, so the count for the 6th row is enclosed in parentheses

Stem-and-Leaf Display: Installation TAT in Hours

Stem-and-leaf of Installation TAT in Hours N = 90
Leaf Unit = 1.0

```
2 1 88
10 2 12233344
26 2 5555666788888999
34 3 11334444
44 3 5556778888
(5) 4 01134
41 4 5566677778888889
25 5 0001122344
15 5 555667789
6 6 1
5 6 5
4 7 1
3 7 5
2 8
2 8 58
```

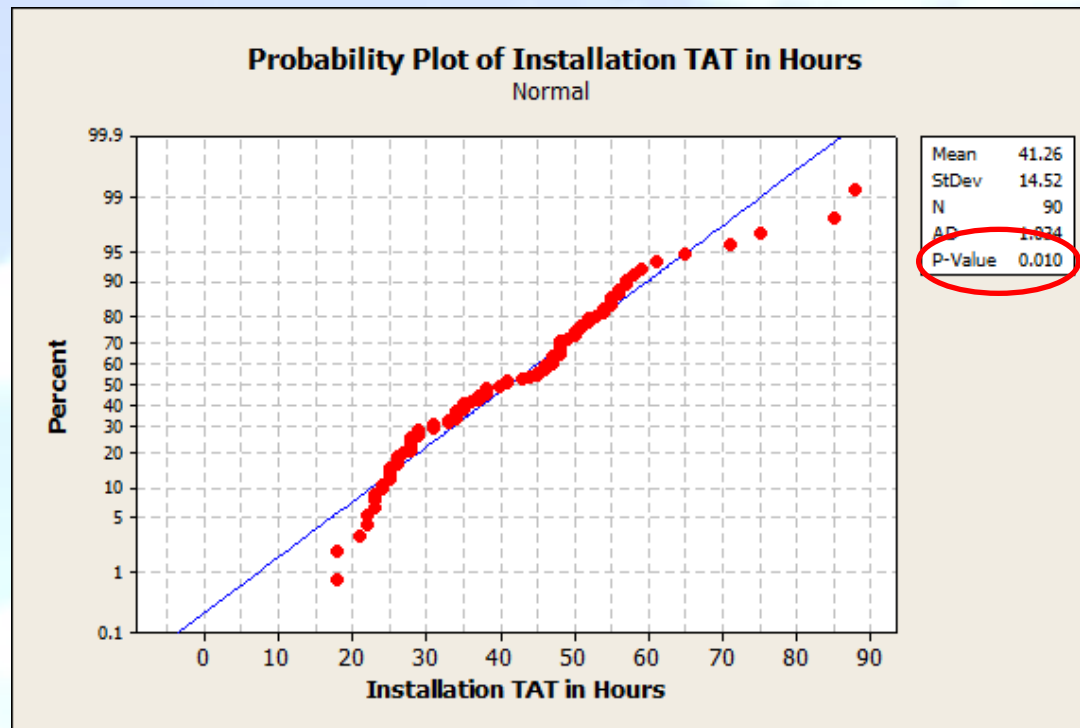
Solution 1 – Run Chart



Interpretation of Results:

- 👉 Circled Area contains about 7 points on the same of the median causing a 'Shift' & needs to be investigated by reviewing fish-bone diagram

Solution 1 – Anderson-Darling Normality Test



Interpretation of Results:

- 👍 P-Value is $0.010 < 0.05$, therefore it does not pass the normality test
- 👍 Hence the data is non-normal