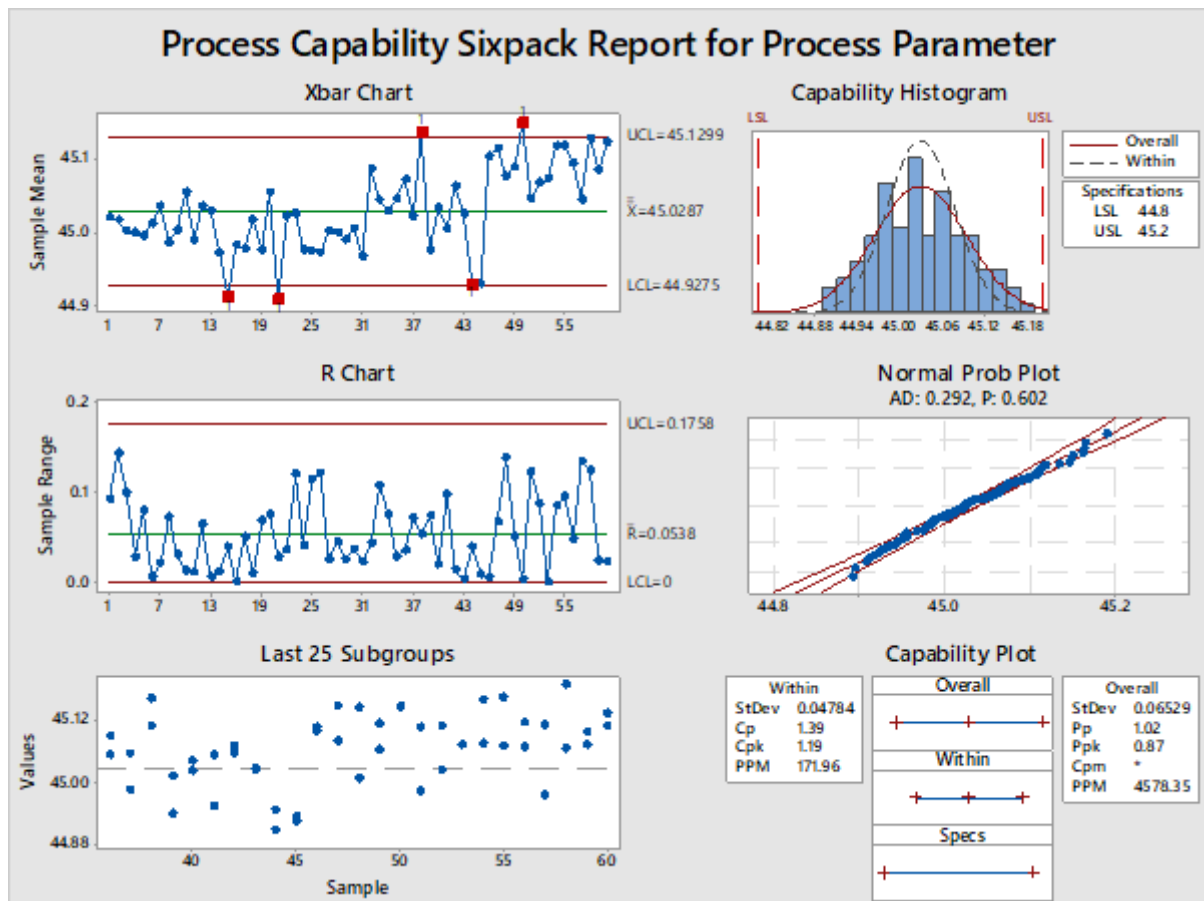


## Assessing Capability & Performance

1. Perform process capability of the data provided. Identify if Normal, Non-Normal or between/within process capability has to be used. Assume Subgroup Size to be 2. (File : Process Capability\_Practice File.xls)

Ans:



### Inferences

Data is normal and hence to performed normal process capability

Data is not stable. Too many out of control point. Not ideal case to proceed or to proceed with caution and consider this as only trial run for capability study

Samples are not random. After sample 45 there is a shift observed

Process is not centered.

Priority will be identify source of shift and source of centering issue and correct it. Most likely the causes are same.