



Six Sigma Quality Using R Programming One Day Workshop

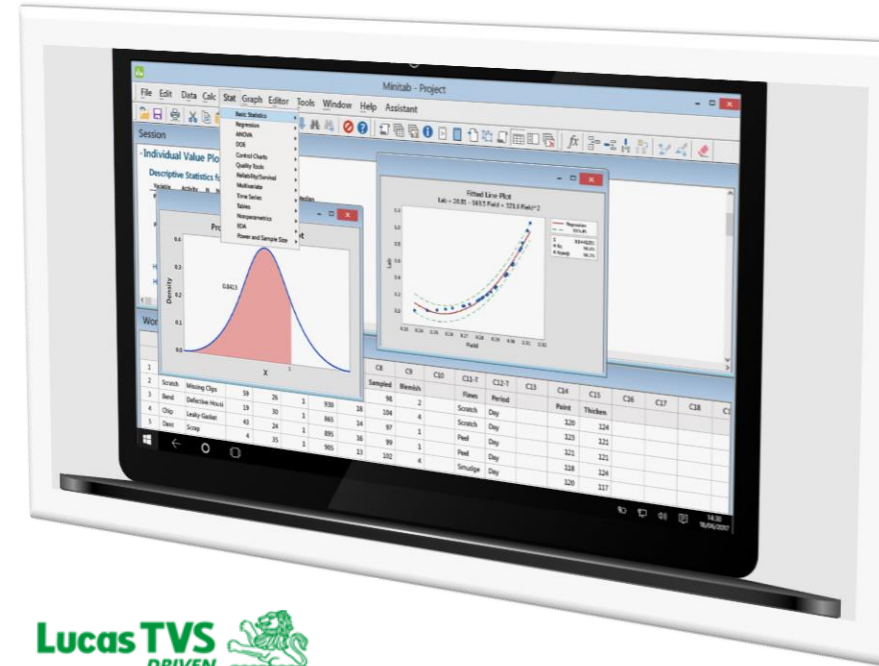
6th April 2019

Six Sigma has arisen in the last two decades as a breakthrough Quality Management Methodology. With Six Sigma, we are solving problems and improving processes using through scientific method. For the analysis of data, Six Sigma requires the use of statistical software, being R an Open Source option that fulfills this requirement. R is a software system that includes a programming language widely used in academic and research departments. Nowadays, it is becoming a real alternative within corporate environments.

The aim of this workshop is to show how R can be used as a tool in the development of Six Sigma projects. The workshop is based on basic introduction to Six Sigma with examples showing how to use R within real time situations.

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Enquiry: Kindly email your query with your phone number to
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Last date of Registration 01-April-2019.
Certificate will be awarded to all participating delegates.

Payment can be made by

Cheque / DD in favour of "AU TVS Centre for Quality Management" and sent through courier or in person.

Registration Form:

Name (Mr. / Ms.) :

Name of the Organization:

Designation :

Academic Qualification :

Address :

Mobile :

E-Mail :

AU TVS CQM program certificate holders: Yes / No
(Enclose certificate copy)

Enclose the Cheque / DD No. :

Amount : 2250/-

Date :

Bank :

Signature with date

To:

The Director, AU TVS Centre for Quality Management,
Anna University, Chennai – 600 025.

Content:

Six Sigma is a known methodology for Process and Quality Improvement. It is also a philosophy, and a set of tools. It is based on the methodology DMAIC (Define, Measure, Analyze, Improve, Control). There are other business-process management methodologies related to Six Sigma, such as DFSS (Design For Six Sigma) or Lean Manufacturing (Lean Six Sigma).

Six Sigma is notable for using the Scientific Method, and Statistical Techniques. Some of the statistical tools that are used in Six Sigma projects are:

- ✓ Pareto Charts
- ✓ Histograms
- ✓ Scatterplots
- ✓ Box-Whisker Charts
- ✓ Group Charts
- ✓ Location Charts
- ✓ Control Charts
- ✓ Multivari Charts
- ✓ Design of Experiments
- ✓ Regression and Analysis of Variance (ANOVA)
- ✓ Confidence Intervals
- ✓ Hypothesis Testing
- ✓ Gage R&R Studies
- ✓ Acceptance Sampling
- ✓ Capability Analysis
- ✓ Reliability Analysis