

## Work shop on Minitab (1Day)

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### Workshop Content

This workshop enables participants to understand the different tool to be used during the improvement project of Six Sigma and or effective use of other tools like SPC and MSA.

### Who Should Attend

Individuals who will participate in a Six Sigma, quality, or process improvement team; those who will champion and support Six Sigma projects.

### Prerequisites

Computer or Laptop with Minitab Tool along with some case study.

### Workshop Materials

None as software based.

### Workshop Goals

Gain fundamental knowledge of Minitab tools in order to assist process improvement team.

### Workshop Outline

- Introduction to Minitab
- Interacting with MS Excel
- Data conversion
- Data calculation
- Sheet statistics
- Basic statistics
- Graphical summary
- t-test
- Normality test
- Regression
- Control Charts
- Pareto
- Cause Effect Diagram
- Capability Analysis
- Gauge R&R
- Attribute Analysis
- Scatter diagram
- Histogram
- Run chart
- Box Plot
- Pi chart
- Bar chart
- Time series

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