

DMAIC with SigmaXL

COURSE OVERVIEW

Decrease the time required for statistical analysis by fast learning to navigate SigmaXL's user-friendly excel add-ins software. Enhance your ability to create, manipulate, and restructure data and evidently, decision making. SigmaXL is a fraction of the cost of any major statistical product, it is rapidly becoming the tool of choice for Six Sigma Green Belt, and Black Belts, Quality and Business Professionals, Engineers, and Managers. SigmaXL was designed to be a cost-effective, powerful, and easy to use tool that enables users to Define, Measure, Analyze, Improve and Control performance.

COURSE GOALS

- Understand the concept of basic statistics and Six Sigma
- Interpreting and grasp SigmaXL's graphical and result output
- Maneuver Define-Measure-Analyze-Improve-Control through SigmaXL
- Improve service, process, and product quality in every business aspect

COURSE ATTENDEES

All Level

COURSE MATERIALS

Each participant will receive:

- σ Course Manual

COURSE OUTLINE

Day 1

- Overview of SigmaXL
- Understanding and review of Statistics and Six Sigma
- Overview Define, Measure, Analyze, Improve, and Control
- Define tools in SigmaXL
- Measure tools in SigmaXL
- Measuring Process and Equipments via SigmaXL

Day 2

- Overview of Inferential Statistics
- Analyze tools in SigmaXL
- Hypothesis and ANOVA
- Correlation and Linear Regression

Day 3

- Improve tools in SigmaXL
- Basic 2^k Factorial DOE
- Exploration of Control Charts
- Control tools in SigmaXL



COURSE DURATION 3 DAYS