

Minitab Software Training

COURSE OVERVIEW

Decrease the time required for statistical analysis by quickly learning to navigate Minitab's user-friendly and customizable environment. Learn how to import/export data output between Minitab and various software and database systems. Enhance your ability to create, manipulate, and restructure data. Develop sound statistical approaches to data analysis by learning how to create and interpret a wide variety of graphs and numerical measures useful for quality improvement initiatives. This course focuses on the utilization of these tools as they pertain to applications commonly found in business, transactional, and service industries.

COURSE GOALS

- Understand the concept of basic statistics
- Interpreting and grasp Minitab's graphical and result output
- Create basic charts and graphs
- Maneuver Minitab application

COURSE ATTENDEES

All Level

COURSE MATERIALS

Each participant will receive:

- σ Course Manual

COURSE OUTLINE

Day 1 - Fundamentals of Minitab

- Understanding Minitab Statistical Software
- Maneuvering Minitab application
- Create basic charts and graphs
- Import and Export data using Minitab
- Understanding Statistics Concept

Day 3 - Inferential Statistics with Minitab

- Overview of Inferential Statistics
- Hypothesis Testing
- General Full Factorial
- Basic 2k Factorial DOE



Different Tools for
Different Needs



Day 2 - Quality Tools with Minitab

- Basic Measurement System
- Process Capability
- Non-Normal Data
- Linear Regression and ANOVA

Day 4 - Hands on Exercise

- Understanding the concept of Hypothesis Testing by using Catapult Exercise
- Understanding the concept of 2k Factorial DOE by using Catapult Exercise
- Understanding the function of Respond Optimizer for optimization purposes.

COURSE DURATION

4 DAYS