Advanced Statistical Techniques Training

Duration: **2 Day**

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Overview

Tackle bigger challenges with sophisticated statistical tools.

Stretching you beyond Black Belt, this course will enable you to explore the application of additional statistical tools for specific situations. This includes statistical techniques to analyse “difficult” data such as rare events or seasonal data as well as expanding the range of tools at your disposal for understanding and modelling business processes.

Prerequisites

Delegates must already hold a Lean Six Sigma Black Belt certification

What You Will Learn

As a result of attending this course delegates will be able to:

- Build on the fundamentals of control charts, understand when it is appropriate to apply more specialised control charts for specific situations
- Build on the fundamentals of regression analysis, apply analysis techniques for attribute response variables and screening of multiple factors
- Apply techniques to analyse highly skewed data
- Apply techniques to analyse seasonal data
- Build on the fundamentals of Design of Experiments (DoE) and apply fractional factorial DoE and Surface Response Methods