

Six Sigma

Advanced Statistical Process Control - 2 Days

Course Code: SIG503

Statistical Process Control can be applied to any process. The basic control charts usually taught and most applied fail to handle many special situations. They even fail to handle the most common situation tracked by management, simple data where only one number is measured periodically. This class explains the advanced control charts designed for those special situations.

Learning Objectives

- Introduce the basic control charts
- Recognize the limited applications of the basic control charts
- Define variation
- Discuss responses to variation
- Interpret control charts
- Describe the need for short run charts
- Explain types of control charts
- Create CuSum control charts
- Choose applications for CuSum charts

Topics & Content

- Introduction
- Shewhart control charts
- Control chart applications
- Define Individuals charts
- Select where Individuals charts used
- I and MR charts
- MA and MR charts
- Short Run control chart
- Target charts
- Short run X-bar and R
- Standardized charts
- Types of control charts
- CuSum control charts
- Setting up the CuSum chart
- Interpreting the CuSum chart

Course Information

Duration

2 days

Audience

Those responsible for Six Sigma process improvement projects.

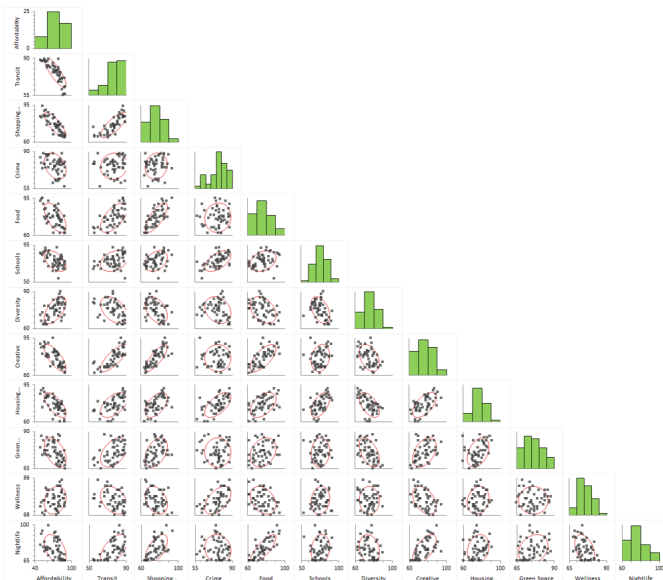
Accreditations

PMI: 14 PDUs

SHRM 14 PDCs

OPM: 14 CLPs

OPM Competency: Problem Solving



“I learned tools to help decision making and how to solve complex problems.”