

Applied Statistics and Data Analysis

Part I

Statistical Process and Quality Control

Introduction

Quality

Definition of Quality

- Quality means fitness for use. and
- Quality is inversely proportional to variability.

- My definition: *Is* and *should* are the same.

What is Statistical process control (SPC)

- Statistical process control is, first and foremost, a way of thinking which happens to have some tools attached.

Part II

Multiple Regression

Part III

Design of Experiment