

May 28-29, 2018

The Park Lane
Hotel Jakarta

*to be confirmed

SSCX

Practical Statistics & Data Analysis

Data Driven Decision Making and
Better Understand Your Process

- Understand practical statistics and basic tools
- Understand how to interpret data distribution in terms of central tendency and variability
- Understand how to do a sampling correctly
- Apply basic statistical analyses and tools for company operational purpose and business decision making
- Able to interpret process stability and how good the process capability
- Able to identify variations in product and process

objective

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- **Basic Statistics: Understanding Statistics, Central Tendency and Variability**
- **How to use graphical statistics: Run Chart, Histogram, Box Plot, Pie Chart, and Scatter Diagram**
- **Normal Distribution and Confidence Interval**
- **Determine sample size**
- **Statistical Process Control**
- **Control Chart: understanding process variation**
- **Understanding Process Capability: CP and CPK**

key content



agenda

day
01

Statistics: The Philosophy
 Understanding Central Tendency and Variability
 Understanding normal distribution
 Graphical Statistics: Run Chart, Histogram, Pie Chart, Box Plot, Scatter Diagram
STATISTICAL PROCESS CONTROL:
 Understanding Variation
 Control Chart for Continuous Data

day
02

Control Chart for Discrete Data
 Binomial vs Poisson Comparison
 Capability Analysis
INDEX PROCESS CAPABILITY:
 Indicator process performance and how to calculate CP and CPK
 Process Capability for data binomial and poisson
 Wrap Up

who should attend

Quality | Production | Maintenance | Manager | Supervisor | Engineer | anyone who works with data and required to perform statistical data analysis

register
now

IDR 4,950,000
/participant

Including 2x Coffee Break, Lunch, and Certificate