

Industrial Statistics – Quality and Process Management

Modules

Module 1:

Explorative Data Analysis – from Data to Model

Module 2:

Introduction to Statistical Quality and Process Control

Module 3:

Measurement Systems Analysis (MSA) -
Repeatability and Reproducibility

Contents

- Statistical measures
- Important distributions (binomial and normal distribution)
- Control charts for mean and mean variation
- Sampling plans
- Measuring equipment analysis according to DIN 5725-2 (accuracy - accuracy - precision, repeatability / reproducibility)
- Outlier tests

Practical requirements

You work in quality or production and want to...

- control products and processes
- select and qualify suppliers
- validate measurement instruments, test benches or labs
- requirement: course package DA 1, IS 1 or equivalent qualification

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