



Formation R - Time Series Analysis in Geneva, Zurich, Huston, San-Antonio, Dallas, Los Angeles, San Diego, New York, Washington, Chicago, San Francisco and anywhere in Switzerland, USA, Great Britain and Germany.

**ID :** 1025

**Goal :** In this course you will learn the elementary statistical tools (level TQ3/Green Belt) of quality analysis that are available in R for corporates applying statistical process control (SPC) in the area of factoring, administration (Lean Office), supply chain, engineering, human resources, marketing, management or R&D. No maths will be done or explained during this course (you can request the corresponding theoretical course).

**Audience :** Engineers, chemists, biologists, logisticians, managers, quality experts, statisticians or other profile having to do statistical analysis (according to international quality standards) as part of their work and wishing to avoid creating formulas or macros within a spreadsheet software.

**Prerequisites :** Have taken the R course on the fundamentals of handling row data and elementary statistics, or have equivalent knowledge. Mastering international standards and quality standards (ISO) in the field of activity of your business/administration. The trainee must also have the ability to mentally represent simple and complex mechanisms process. Since the course includes demonstration and hands-on use of a software, participants should master file management in MS Windows/Linux/Mac based personal computer.

**Goals :**

- Introduction
- Throughput Global Yield and DPU/DPMO
- Taguchi quality loss function
- SixPack Analysis
- Capabilities analysis
- Capabilities confidence intervals
- Attribute Variables Control Charts
- p Control Chart
- np Control Chart
- c Control Chart
- u Control Chart
- Continuous Variables Control Charts
- X bar-S Control Chart
- Characteristic curve
- S bar-S Control Chart
- EWMA Control Chart with samples
- CUSUM Control Chart
- G Control Chart
- Hotelling T2 Control Chart
- R&R studies
- ...

**Pedagogical method :** The training is based on small practical exercises based on the training book.

**Suggested duration for presentiel training (days) :** 2

**Suggested duration for on-line training (days) :** 2.4

**Daily price in face-to-face :** 525 CHF

**Daily price in remote :** 252 CHF

**Daily price in remote for students :** [contact us](#) (only if student card!)

**Daily price in remote (with recording) :** 2625 CHF

Prices are per day per trainee without course material, without certificate, without evaluation, without exam, without training room or computer (these are each optional and must be requested in addition in the contact form for the establishment of the quote).

**Book**

- **Title :** *R - La Bible en images et en couleurs*

- **Author(s)** : *Vincent Isoz*
- **Pages** : *2400*
- **ISBN** :

**Tags** : R quality control course, R quality control training, R six sigma course, R six sigma training, control charts, capabilities.

Please enable JavaScript to view the [comments powered by Disqus.](#)