



Formation R - Inferential Statistics and Parametric Hypothesis Tests 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 : 1019

Goal : The goal of this course is to learn how to create the most common asked undergraduate or graduate level charts and plots in schools, organizations or corporate business for 2D, 3D, GIS (Geographic Information System), biostatistics or data mining representations thanks to this complete and powerful software that is R. No maths will be done or explained during this course (you can request the corresponding theoretical course).

Audience : Engineers, Managers or Marketing/Financial analysts

Prerequisites : Undergraduate level in mathematics or equivalent (familiar with advanced statistics, geographic information systems and data mining). Trainees are supposed to already know all mathematics and assumptions behind each topic. The basics of data manipulation in R are supposed to be perfectly mastered. 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
- R vs non-free alternatives for charts & plots
- Why avoid when possible the use of packages
- Text tree diagram
- Phylogenetic trees (phylogram, cladogram)
- Vectorial diagrams (draw arrows with texts)
- Draw rectangles, ellipses, circles (venn diagrams), polygons
- Control plot Window
- Customize plot axis (ticks, legends, gradient color bar)
- Strips plot
- X-Y dots and line diagrams
- Colors, line width, titles, points types, etc.
- Zoom on subset
- Iso-density curves
- Points with bar charts
- Add Error-Bars
- Cleveland plot
- Dot plots
- Sunflower plot
- Coplot
- ...

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

Suggested duration for presentiel training (days) : 3

Suggested duration for on-line training (days) : 3.6

Daily price in face-to-face : 425 CHF

Daily price in remote : 204 CHF

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

Daily price in remote (with recording) : 2125 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 charts cours, R diagrams, R charts training, R diagrams training, advanced charts with R, complex charts with R.

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