CAMO Software has more than 20 years experience in providing multivariate data analysis software, products and solutions. A recognized name in the chemometrics software domain, CAMO Software solutions help clients understand the knowledge hidden inside data.

CAMO provides professional software training and practical application development in multivariate statistical analysis, spectroscopy, experimental design, optimization and formulation, sensory analysis and PAT, worldwide.

Expand your knowledge in the field of multivariate data analysis through CAMO courses that offer you the perfect learning experience.

Why attend Multivariate Analysis of Sensory Data training?

Tailored to meet the needs of professionals and students, this course is designed around real-world industry applications of chemometrics and multivariate analysis methods. CAMO courses have a special focus on practical work with intensive, hands-on training using The Unscrambler® software package.

Carefully selected course exercises and application examples will take you through the necessary theory and practical real-world examples enabling better understanding of your own data.

CAMO Training courses are taught in an informal and pedagogical atmosphere by experienced CAMO personnel and partners.

Who should participate in this program?

The courses have been designed for individuals:

Involved in consumer insights, R&D, product development, process optimization, quality control & monitoring.
Course overview

The Multivariate Analysis of Sensory Data training is aimed at researchers and analyst who work within the sensory and consumer sciences, and would like to utilize the full power of multivariate methods. The participants should be familiar with basic multivariate methods, equivalent to CAMO’s Multivariate Data Analysis Level 1.

- Univariate statistics
- Experimental setup
- Evaluation of panel data
- Principal Component Analysis (PCA)
- Varimax rotation
- Preference mapping (internal and external)
- Regression analysis (PLS)
- Handling outliers
- Validation methods
- Variable selection
- 3-way data analysis
- L-PLS regression
- Clustering and Classification
- Product Optimisation

The course fees includes lunch, course material, 60-day test installation of The Unscrambler® Quali-Sense and the text book Multivariate Data Analysis - in practice by Kim

- The number of seats for the course is limited to 12
- Deadline for registrations: 3 weeks before the course-start
- Participants are required to bring their own Laptop.

GENERAL TERMS:
Payment: 30 days net from date of invoice

Cancellation: Cancellations up to 3 weeks prior the course start date, will be refunded with 50% of the registration fee, after this limit, NO Fees will be refunded.

Substitution: The course participants may be substituted or join a later training provided that CAMO is notified.

Ms. Katja Tiitinen
Course Instructor

Katja Tiitinen has a PhD in food chemistry from University of Turku, where she also worked as a research scientist. In her research she focused on sensory quality and related chemical composition of different food matrices. Currently she works for Heineken and applies multivariate statistics in her position as a sensory scientist.

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