# academy

## Machine Learning in R

### Group Training

Training code	CGAMLINRCD
Spoken Language	Dutch
Language Materials	English
Dayparts	6
Price	€2.550,00 excl. VAT No extra costs.

#### What is Machine Learning in R

Machine Learning in R covers the essentials of coding, data cleaning, analysis, visualization, and modelling in R. Over three days, you'll explore the steps of a data pipeline. The workshop combines theoretical knowledge with hands-on practice using diverse datasets in R. You'll learn to handle raw data, analyze it, and communicate your findings effectively. Topics include data types, visualization, Tidyverse, crossvalidation, data balancing, wrangling, supervised learning (logistic regression, random forest), unsupervised learning (k-means clustering), confusion matrix, and creating reports in R with Rmarkdown.

#### Who should attend Machine Learning in R

- Data Analysts: Enhance your data analysis skills with machine learning techniques in R.
- Data Scientists: Deepen your understanding of machine learning algorithms and their applications using R.
- Statisticians: Apply statistical methods to real-world data using R.
- Researchers: Utilize R for advanced data analysis and modeling in your research projects.
- IT Professionals: Gain proficiency in R for data-driven decision-making.
- Business Analysts: Learn to derive actionable insights from data through machine learning using R.
- Entrepreneurs: Leverage data analysis and machine learning to drive business growth.

#### Prerequisites

Beginning skills and general knowledge of data analysis. The 'Introduction to Data Analysis' course addresses these topics and is ideally suited to follow as a training course prior to this. During this training you need a laptop on which you can install software: R.

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#### Objectives

At the end of the training you will be able to:

- Identify the steps to answer practical questions with data analysis and data science.
- Clean data in R and understand key considerations in the cleaning process.
- Utilize the R programming language effectively.
- Apply various R packages for data analysis.

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An organization, like ours, helps people and their organizations day by day to get the best out of themselves and each other. We prepare them to defy tomorrow's challenges. We stimulate learning and curiosity. In order for individual IT professionals and their employers, to build better, longer and more intensive relationships. For mutual benefit.

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