

## Machine Learning in Python (NL)

### Group Training

Training code	CGAMLIPYCD
Spoken Language	Dutch
Language Materials	English
Dayparts	4
Price	€1.600,00 excl. VAT No extra costs.

### What is Machine Learning in Python

Machine Learning in Python is a comprehensive training that introduces you to the process of extracting insights from large amounts of data using Python, the most widely used programming language in Data Science. You will learn about various concepts such as CRISP-DM, Scikit-learn, K-fold Cross-Validation, Random Forest, K-means Clustering, Quantile Regressors, and Convolutional Neural Network. The training will guide you on how to set up a Machine Learning pipeline in Python, improve data quality, and detect and prevent model drift. The training emphasizes the application of learned concepts through practical cases, facilitated by trainers who have real-world experience with Machine Learning systems in Python.

### Who should attend Machine Learning in Python

- Data Analysts: Enhance your data analysis skills by learning to extract insights from large datasets.
- Data Scientists: Learn to build efficient Machine Learning pipelines in Python.
- Data Engineers and Software Engineers: Expand your skill set by learning the most widely used programming language in Data Science.

#### Prerequisites

Beginning skills and general knowledge of Python. The 'Introduction Python' training addresses these topics and is ideally suited for pre-training.

During this training you need a laptop on which you can install software: Python.

#### Objectives

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

- Set up a Machine Learning pipeline in Python.

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- Understand the advantages and disadvantages of different Machine Learning algorithms.
- Extract insights from large amounts of data.

This training is designed to provide you with the most relevant and up-to-date knowledge in the field of Machine Learning using Python.

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