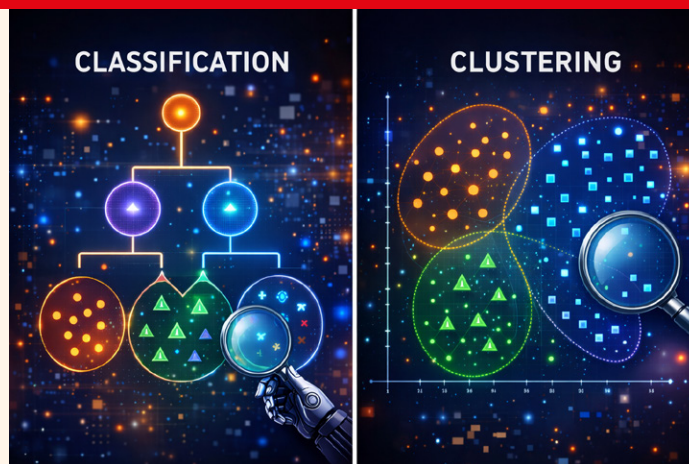




Area Servizi agli Studenti
Ufficio Relazioni internazionali



Information on the
Blended Intensive Program (BIP)
II edition

Machine Learning: Mathematical aspects, techniques, and applications

University of Camerino February 16-20, 2026

Credits: 3 ECTS (To Be Approved).

Aimed at: Graduate and PhD students. Professors and staff are also welcome; however, only students can be counted toward reaching the minimum number of participants (10) required for this activity.

The BIP will be implemented only if the minimum required number of students (10) participating in the in-person activity with Erasmus+ financial support from their University is reached.

Although the program will also focus on the mathematical aspects of Machine Learning, the primary aim is to bring together students with diverse backgrounds to discuss the application of Machine Learning techniques across various fields. Students are required to complete a final project, working in groups, and to present and discuss their results.

At this stage, I kindly ask you to provide, by January 15, the number and, if possible, the names of students who will participate in the BIP.

Please fill out the following form:

<https://forms.cloud.microsoft/e/fDkQcED2qg?origin=lprLink>



Please note that only students receiving Erasmus+ grants for this activity can be counted.

Do not hesitate to contact me should you require any further information. I look forward to receiving the number (and, if available, the names) of applicants from your Institution.

The participants must bear accommodation expenses; the office will make reservations.

The in-person activity includes:

- Lectures;
- Project discussions;
- Analysis and presentation by participants of additional applications of Machine Learning

techniques in various applied fields (participants interested in presenting a specific application in Machine Learning are invited to contact Renato De Leone at renato.deleone@unicam.it);

- Presentations of recent or novel Machine Learning techniques.

The virtual activity includes:

- Recordings of selected lectures from the course "Machine Learning," which will be made available on Google Classroom for a limited period (2–3 weeks) prior to the in-person activity;
- A preliminary meeting presenting in detail the activities to be carried out (date to be determined).

The lectures will cover the following topics:

- Learning Paradigms;
- Exploratory Data Analysis and Visualization;
- Clustering Techniques;
- Artificial Neural Networks: Simple Perceptron and Multi-Layer Perceptron;
- Decision Trees.

Titles, authors, and abstracts of additional seminars and talks will be announced later.