Subject : Machine learning and Gamma-Ray Bursts

Instructor : Maria Giovanna Dainotti

Outline : explanation of the concept of supervised, unsupervised learning, the concept of sensitivity, recall, precision, true negative, true positive, false negative and false positive. The MICE methods and examples showing the MICE method and hands-on session by running Google Collab Notebooks for MICE and redshift classifier. Methods such as Random Forest, support vector machine etc.

Maximum number of students to be accepted : 10