

Introduction to Machine Learning

Abstract

This introduction aims at giving the basis of machine learning, both supervised and non supervised. Some applications as well as the flavor of the main methods will be presented including agglomerative clustering, k-means, decision trees, SVM, and deep learning.

About the Speaker



Josiane Mothe is Professor in computer science at the ESPE (teacher training school) Université de Toulouse since 2002. She is a specialist in information retrieval, data mining and big data. From 2012 to 2015, she has been leading the Information System team of the French IRIT lab, CNRS Unit. From 2004 to 2014, she was the editor in chief for Europe and Africa of the international Information Retrieval Journal, (Springer). From 2011 to 2017 she was co-responsible of the "MicroBlog contextualization task" at the CLEF evaluation forum. She supervised eleven PhD students to successful completion. She is now leading the FabSpace 2.0 project, an open innovation network for geodata-driven innovation, funded under H2020 Research and Innovation program.