

An introduction to machine learning with Scikit-Learn

Thursday 12 November 2015 15:00 (2h 15m)

This tutorial gives an introduction to the scientific ecosystem for data analysis and machine learning in Python. After a short introduction of machine learning concepts, we will demonstrate on High Energy Physics data how a basic supervised learning analysis can be carried out using the Scikit-Learn library. Topics covered include data loading facilities and data representation, supervised learning algorithms, pipelines, model selection and evaluation, and model introspection.

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Session Classification: Thursday Afternoon Session