

OpenML: Collaborative machine learning

Friday, 19 February 2016 15:00 (40 minutes)

Summary

Today, the ubiquity of the internet is allowing new, more scalable forms of scientific collaboration. Networked science tools allow scientists to share and organize data on a global scale, build directly on each other's data and techniques, reuse them in unforeseen ways, and mine all data to search for patterns. OpenML.org is a place for researchers to analyse data together, building on shared data sets, machine learning code and prior experiments. Integrated in many machine learning environments, it helps researchers win time by automating reproducible sharing, reuse and experimentation as much as possible. It also helps scientists and students across scientific fields to explore the latest and most relevant open data sets and machine learning techniques, find out which are most useful in their work, collaborate with others online, and gain more credit for their work by making it more visible and easily reusable.

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Session Classification: Machine Learning tools & tutorials