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12th April 2016

RE: NSF Grant Proposal "SI2-SSE:Improving Scikit-learn Usability and Automation"

I'm Assistant Professor in Machine Learning at the Eindhoven University of Technology, and Founder of the OpenML initiative for open and collaborative machine learning.

If the proposal submitted by Dr. Andreas Mueller entitled "SI2-SSE:Improving Scikit-learn usability and automation" is selected for funding by NSF, it is my intent to collaborate as detailed in the Project Description.

OpenML is an online platform where scientists can automatically log and share machine learning data sets, code, and experiments, organize them online, and build directly on the work of others. OpenML currently has supporting packages in Java, R, C# and Python.

The strength of OpenML lies in the collaboration of many researchers to share their knowledge in solving machine learning problems. Providing easier to use and more automated tools will allow researchers from many more domains to contribute to OpenML. To facilitate the use of OpenML in the aforementioned project and the Python community at large, me and my group will help tightening the integration of OpenML into the scikit-learn ecosystem. We commit to collaborating intensely with Dr. Mueller, as he has done with us, to realize his vision of making machine learning easy to use for many people. We will support him by providing any information necessary and swiftly implementing any new features that are crucial for the success of his proposed project

Sincerely,

Dr. Ir. Joaquin Vanschoren