

**Dr .ir. Joaquin Vanschoren**

Eindhoven University of Technology, P.O. Box 513,  
5600 MB Eindhoven, The Netherlands

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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.

I intent to collaborate closely with Dr. Andreas Mueller as detailed in his Project Description entitled "SI2-SSE:Improving Scikit-learn usability and automation", should it be selected for funding by the NSF.

OpenML is an online platform where scientists can collaborate to build better machine learning models. It helps them to automatically log and share data sets, code, models, and experiments, organize them online, and build directly on the work of others. It offers a Python API, to which Dr. Mueller contributed greatly, that connects OpenML to the scientific Python ecosystem.

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 domains to benefit from (and 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