



scikit-learn

Scikit-learn is a Python library for statistical machine learning, and is one of the most widely used tools for supervised and unsupervised machine learning.

It provides an easy-to-use, consistent interface to a large collection of machine learning models, as well as tools for model evaluation and data preparation and is built on top of numpy and scipy. Therefore it focuses on in-memory models of homogeneous data, though some support for out-of-core computations and heterogeneous data exist.

For more information on scikit-learn, including our governance structure and project roadmap, please visit

<https://scikit-learn.org>

APPLICATIONS

Finding exoplanets

Fraud detection in credit card transactions

Analyzing brain imaging data

PLANNED FEATURES

- + Continue maintaining a high-quality, well-documented collection of canonical tools for data processing and machine learning within the current scope (i.e. rectangular data largely invariant to column and row order; predicting targets with simple structure)
- + Improve the ease for users to develop and publish external components
- + Improve inter-operability with modern data science tools (e.g. Pandas, Dask) and infrastructures (e.g. distributed processing)

PROJECT NEEDS

5 Full-Time Mid-Senior Level Developers

2 Full-Time Triage Professionals

1 Full-Time Communications and Community Manager



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****Scikit-learn @ Inria Foundation****

Inria Foundation is a not for profit organization in France, supporting scikit-learn via a dedicated consortium. It employs multiple core developers, creates open educational material, and helps grow the wider community.

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Some scikit-learn maintainers are partially supported by their employers or grants, learn more here: <https://scikit-learn.org/stable/about.html#funding>

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For more information:
info@numfocus.org
+1 (512) 831-2870