

Resource Summary Report

Generated by [NIF](#) on Aug 1, 2026

[scikit-learn](#)

RRID:SCR_002577

Type: Tool

Proper Citation

scikit-learn (RRID:SCR_002577)

Resource Information

URL: <http://scikit-learn.org/>

Proper Citation: scikit-learn (RRID:SCR_002577)

Description: scikit-learn: machine learning in Python

Abbreviations: scikit-learn

Synonyms: scikit-learn: machine learning in Python

Resource Type: software resource, software application

Defining Citation: [PMID:24600388](#)

Keywords: algorithm, discriminant analysis, independent component analysis, linear, macos, microsoft, modeling, magnetic resonance, nonlinear, posix/unix-like, principal component analysis, python, regression, statistical operation, windows, data mining, data analysis, classification, clustering, dimensionality reduction, model selection, preprocessing, machine learning

Availability: Free, Available for download, Freely available

Resource Name: scikit-learn

Resource ID: SCR_002577

Alternate IDs: nlx_155979

Alternate URLs: <http://www.nitrc.org/projects/scikit-learn>

License: BSD License

Record Creation Time: 20220129T080214+0000

Record Last Update: 20260731T042641+0000

Ratings and Alerts

No rating or validation information has been found for scikit-learn.

No alerts have been found for scikit-learn.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 12132 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Jeong JH, et al. (2026) Population analyses reveal heterogenous encoding in the medial prefrontal cortex during naturalistic foraging. *eLife*, 13.

Meghdadi B, et al. (2026) Digital twins for in vivo metabolic flux estimations in patients with brain cancer. *Cell metabolism*, 38(1), 228.

Maruyama D, et al. (2026) Gut microbiome-derived propionate reprograms alveolar macrophages metabolically and regulates lung injury responses in mice. *Gut microbes*, 18(1), 2606486.

Yilmaz V, et al. (2026) Comparative Transcriptomic Profiling Identifies IL-1?? as a Non-Canonical Driver of Human Dendritic Cell Maturation. *Iranian journal of biotechnology*, 24(1), e4185.

Wang L, et al. (2026) Accelerated detection of *Clostridioides difficile* sequence type 37 by integrating MALDI-TOF mass spectrometry with artificial neural network. *Microbiology spectrum*, 14(1), e0172825.

Furutani M, et al. (2026) An integrative approach to detecting potential blood-based biomarkers of cognitive frailty. *The journal of nutrition, health & aging*, 30(1), 100726.

Onabanjo O, et al. (2026) Genomic prediction of feed efficiency in boars by deep learning. *G3 (Bethesda, Md.)*, 16(1).

Hor JL, et al. (2026) Inhibitory PD-1 axis maintains high-avidity stem-like CD8+ T cells. *Nature*, 649(8095), 194.

Quezada Reyes R, et al. (2026) Personalized Machine Learning Intervention to Improve Sleep Quality Using Wearable Technology in Healthy Middle-Aged Adults From Mexico City: Protocol for a Pilot Randomized Controlled Trial. *JMIR research protocols*, 15, e76415.

Cao X, et al. (2026) High-content phenotyping reveals Golgi dynamics and their role in cell cycle regulation. *The Journal of cell biology*, 225(1).

Lin SC, et al. (2026) Integrating multi-polygenic scores for enhanced prediction of antidepressant treatment outcomes in an East Asian population. *Neuropsychopharmacology* : official publication of the American College of Neuropsychopharmacology, 51(2), 422.

Sikandar A, et al. (2026) Antioxidant potential and increased photocatalytic efficiency of gallic acid-capped ZnO and NiO NPs for azo dye degradation: effect of heterojunction coupling and machine learning-assisted modeling. *Nanoscale advances*, 8(1), 224.

Shu K, et al. (2026) Identification of histological carotid plaque vulnerability by CT angiography using perivascular adipose tissue radiomics signature. *Insights into imaging*, 17(1), 2.

Zhang G, et al. (2026) Integrating metabolomics and machine learning to forecast anti-inflammatory and antioxidant activities in *D. officinale* leaves. *Chinese medicine*, 21(1), 8.

Le HM, et al. (2026) Rapid Authentication of Plant-Based Milk Alternatives by Coupling Portable Raman Spectroscopy With Machine Learning. *Journal of AOAC International*, 109(1), 22.

Baloglu O, et al. (2026) Performance of Supervised Machine Learning Models for Cardiac Surgery-Associated Acute Kidney Injury in Children: Multicenter Retrospective Cohort Study, 2019-2022. *Pediatric critical care medicine : a journal of the Society of Critical Care Medicine and the World Federation of Pediatric Intensive and Critical Care Societies*, 27(1), 3.

Tunga M, et al. (2026) Adaptive modelling approach for predicting causes of death: insights from verbal autopsy data in Tanzania. *International health*, 18(1), 125.

Zhang G, et al. (2026) Intratumoral and peritumoral radiomics for the pretreatment prediction of response to neoadjuvant chemotherapy in rhabdomyosarcoma: a multicenter retrospective cohort study. *Insights into imaging*, 17(1), 3.

Landt C, et al. (2026) Complement C4d Informs the Differential Diagnosis of Inflammatory Demyelinating CNS Diseases. *Neurology(R) neuroimmunology & neuroinflammation*, 13(2), e200528.

Salturk S, et al. (2026) Contactless biometric verification from in-air signatures using deep siamese networks. *Scientific reports*, 16(1), 130.