

Resource Summary Report

Generated by ASWG on Aug 3, 2026

UCI Machine Learning Repository

RRID:SCR_026571

Type: Tool

Proper Citation

UCI Machine Learning Repository (RRID:SCR_026571)

Resource Information

URL: <https://archive.ics.uci.edu/>

Proper Citation: UCI Machine Learning Repository (RRID:SCR_026571)

Description: Collection of databases, domain theories, and data generators that are used by machine learning community for empirical analysis of machine learning algorithms. Datasets approved to be in the repository will be assigned Digital Object Identifier (DOI) if they do not already possess one. Datasets will be licensed under a Creative Commons Attribution 4.0 International license (CC BY 4.0) which allows for the sharing and adaptation of the datasets for any purpose, provided that the appropriate credit is given

Synonyms: UC Irvine Machine Learning Repository

Resource Type: storage service resource, data repository, service resource

Keywords: Digital Object Identifier, dataset, databases, domain theories, data generators, empirical analysis of machine learning algorithms,

Availability: Free, Freely available

Resource Name: UCI Machine Learning Repository

Resource ID: SCR_026571

Alternate IDs: r3d100010960

Alternate URLs: <https://www.re3data.org/repository/r3d100010960>,
<https://doi.org/10.17616/R3T91Q>

Record Creation Time: 20250314T060334+0000

Record Last Update: 20260803T040923+0000

Ratings and Alerts

No rating or validation information has been found for UCI Machine Learning Repository.

No alerts have been found for UCI Machine Learning Repository.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Quamer W, et al. (2025) A multimodal physiological dataset for non-invasive blood glucose estimation. Scientific data, 12(1), 1822.

Peng X, et al. (2025) Adaptable graph region for optimizing performance in dynamic system long-term forecasting via time-aware expert. Nature communications, 16(1), 10213.

Ali M, et al. (2025) A hybrid bio inspired neural model based on Ropalidia Marginata behavior for multi disease classification. Scientific reports, 15(1), 42004.

Mohamed KS, et al. (2025) Convergence analysis and application for high-order neural networks based on gradient descent learning algorithm via smooth regularization. Scientific reports, 16(1), 295.

Chetry M, et al. (2025) Early detection and analysis of accurate breast cancer for improved diagnosis using deep supervised learning for enhanced patient outcomes. PeerJ. Computer science, 11, e2784.

Shi Z, et al. (2025) Attribution-based interpretable classification neural network with global and local perspectives. Scientific reports, 15(1), 24716.

Han S, et al. (2025) SMART: Structured Missingness Analysis and Reconstruction Technique for credit scoring. Scientific reports, 15(1), 15111.

Ranieri A, et al. (2025) SPectral graph theory And Random walk (SPARK) toolbox for static and dynamic characterization of (di)graphs: A tutorial. PloS one, 20(6), e0319031.

Hanani AA, et al. (2025) Predicting thyroid cancer recurrence using supervised CatBoost: A SHAP-based explainable AI approach. Medicine, 104(22), e42667.

Wang Y, et al. (2025) Grey wolf optimizer with self-repulsion strategy for feature selection. Scientific reports, 15(1), 12807.

Mohamed KS, et al. (2025) Batch gradient based smoothing L2/3 regularization for training pi-sigma higher-order networks. Scientific reports, 15(1), 24424.