

Resource Summary Report

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Orange Data Mining

RRID:SCR_019811

Type: Tool

Proper Citation

Orange Data Mining (RRID:SCR_019811)

Resource Information

URL: <https://orangedatamining.com/>

Proper Citation: Orange Data Mining (RRID:SCR_019811)

Description: Open source machine learning and data visualization. Data Mining Toolbox in Python used to build data analysis workflows visually, with large, diverse toolbox.

Resource Type: software toolkit, software resource

Keywords: Machine learning, data visualization, data mining, data analysis workflows, build data analysis

Availability: Free, Available for download, Freely available

Resource Name: Orange Data Mining

Resource ID: SCR_019811

Record Creation Time: 20220129T080347+0000

Record Last Update: 20260819T044530+0000

Ratings and Alerts

No rating or validation information has been found for Orange Data Mining.

No alerts have been found for Orange Data Mining.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 79 mentions in open access literature.

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

Hao X, et al. (2026) Machine learning-guided Nano-QSAR modeling predicts HepaRG cell membrane toxicity of engineered nanoparticles with mechanistic insights. *Cell biology and toxicology*, 42(1), 28.

Bala J, et al. (2026) Contribution of social determinants to symptoms of generalized anxiety disorder. *PLOS mental health*, 3(3), e0000552.

Lange T, et al. (2026) Urinary Exosomal miRNAs as Non-Invasive Biomarkers Linked to Podocyte Morphometry in CKD. *Cells*, 15(7).

Kokošar J, et al. (2026) Online tutorial on survival analysis for biomarker discovery. *PLoS computational biology*, 22(3), e1014046.

Dinesh BGH, et al. (2026) Machine learning-driven drug repurposing for HER2-positive breast cancer. *Scientific reports*, 16(1).

Zhang J, et al. (2026) An efficient non-invasive model for predicting cognitive impairment based on comprehensive geriatric assessment: Machine learning and SHAP analysis. *Journal of Alzheimer's disease reports*, 10, 25424823261415843.

Zakaria Kurdi M, et al. (2026) Integrating acoustic, prosodic, and phonological features for automatic Alzheimer's detection. *Frontiers in aging neuroscience*, 18, 1786269.

Radloff HS, et al. (2026) A single-cell derived spheroid approach to dissect intratumoural heterogeneity in colorectal cancer: cell lines show changes in proteomes and therapeutic response to 5-FU. *Journal of cancer research and clinical oncology*, 152(1), 43.

Kokošar J, et al. (2026) Visual analytics framework for survival analysis and biomarker discovery from gene expression data. *PloS one*, 21(3), e0325399.

Kosterhon M, et al. (2026) Robot-assisted lumbar facet joint infiltration improves accuracy and reduces radiation exposure compared to the manual technique in a comparative phantom study. *Scientific reports*, 16(1).

Pesca C, et al. (2025) Discriminating childhood traumatic experiences by molecular profiles: the case of neglect and sexual abuse. *European journal of psychotraumatology*, 16(1), 2571050.

Rosa D, et al. (2025) Investigation of alpha-glucosidase inhibition activity of *Artabotrys sumatranus* leaf extract using metabolomics, machine learning and molecular docking analysis. *PloS one*, 20(1), e0313592.

Xie L, et al. (2025) Structural Analysis of Amylin and Amyloid β Peptide Signaling in Alzheimer's Disease. *Biomolecules*, 15(1).

Bia?ek P, et al. (2025) Usefulness of Radiomics and Kidney Volume Based on Non-Enhanced Computed Tomography in Chronic Kidney Disease: Initial Report. *Kidney & blood pressure research*, 50(1), 161.

Genç H, et al. (2025) Machine-learning model for differentiating round pneumonia and primary lung cancer using CT-based radiomic analysis. *Medicine*, 104(37), e44408.

Choi K, et al. (2025) Enhancing the communication of radiation exposure data for radiological workers in Korea using data visualization techniques. *PloS one*, 20(5), e0323091.

Mello E, et al. (2025) Geometrical constraints dictate assembly and phenotype of human iPSC-derived motoneuronal spheroids. *Stem cell research & therapy*, 16(1), 417.

Carbonell-Rozas L, et al. (2025) Holistic Approach to Investigate Pyrrolizidine Alkaloids in Honeys from Diverse Botanical Origin: From Target to Suspect and Nontarget Screening Analysis. *Journal of agricultural and food chemistry*, 73(32), 20410.

Stuermer L, et al. (2025) Artificial intelligence virtual assistants in primary eye care practice. *Ophthalmic & physiological optics : the journal of the British College of Ophthalmic Opticians (Optometrists)*, 45(2), 437.

Balasubramaniam M, et al. (2024) Alzheimer's-specific brain amyloid interactome: Neural-network analysis of intra-aggregate crosslinking identifies novel drug targets. *iScience*, 27(1), 108745.