Resource Summary Report

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word2vec

RRID:SCR_014776
Type: Tool

Proper Citation

word2vec (RRID:SCR_014776)

Resource Information

URL: https://code.google.com/archive/p/word2vec/

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Description: Software tool which provides implementation of the continuous bag-of-words and skip-gram architectures for computing vector representations of words. These representations can be used in many natural language processing applications and for further research. It takes a text corpus as input and produces the word vectors as output. It first constructs a vocabulary from the training text data and then learns vector representation of words. The resulting word vector file can be used as features in natural language processing and machine learning applications.

Resource Type: software resource, software toolkit, source code

Keywords: source code, vector representation, word representation, natural language processing

Funding:

Availability: Open source, Available for download

Resource Name: word2vec

Resource ID: SCR_014776

License: Apache License 2.0

Record Creation Time: 20220129T080322+0000

Record Last Update: 20250514T061656+0000

Ratings and Alerts

No rating or validation information has been found for word2vec.

No alerts have been found for word2vec.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 516 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Gong M, et al. (2025) Privacy protection of sexually transmitted infections information from Chinese electronic medical records. Scientific reports, 15(1), 1296.

Bouktif S, et al. (2025) Explainable Predictive Model for Suicidal Ideation During COVID-19: Social Media Discourse Study. Journal of medical Internet research, 27, e65434.

Joosse P, et al. (2025) The concept that went viral: Using machine learning to discover charisma in the wild. The British journal of sociology, 76(1), 65.

Chen Z, et al. (2025) UniAMP: enhancing AMP prediction using deep neural networks with inferred information of peptides. BMC bioinformatics, 26(1), 10.

Choi A, et al. (2025) A pediatric emergency prediction model using natural language process in the pediatric emergency department. Scientific reports, 15(1), 3574.

Li J, et al. (2025) Discovering patient groups in sequential electronic healthcare data using unsupervised representation learning. BMC medical informatics and decision making, 25(1), 45.

Chen HY, et al. (2025) Exploration of designing an automatic classifier for questions containing code snippets-A case study of Oracle SQL certification exam questions. PloS one, 20(1), e0309050.

Tang F, et al. (2025) GATFELPA integrates graph attention networks and enhanced label propagation for robust community detection. Scientific reports, 15(1), 3952.

Yoshimori A, et al. (2025) Context-dependent similarity analysis of analogue series for structure-activity relationship transfer based on a concept from natural language processing. Journal of cheminformatics, 17(1), 5.

Richter D, et al. (2024) High-level visual prediction errors in early visual cortex. PLoS

biology, 22(11), e3002829.

Adeeba F, et al. (2024) Addressing cyberbullying in Urdu tweets: a comprehensive dataset and detection system. PeerJ. Computer science, 10, e1963.

Guo LX, et al. (2024) Likelihood-based feature representation learning combined with neighborhood information for predicting circRNA-miRNA associations. Briefings in bioinformatics, 25(2).

Shiu SH, et al. (2024) Assessing the evolution of research topics in a biological field using plant science as an example. PLoS biology, 22(5), e3002612.

Kirmani M, et al. (2024) Biomedical semantic text summarizer. BMC bioinformatics, 25(1), 152.

Asztalos B, et al. (2024) Anomalous diffusion analysis of semantic evolution in major Indo-European languages. PloS one, 19(3), e0298650.

da Silva GD, et al. (2024) Using full-text content to characterize and identify best seller books: A study of early 20th-century literature. PloS one, 19(4), e0302070.

Wade KE, et al. (2024) Investigating alignment-free machine learning methods for HIV-1 subtype classification. Bioinformatics advances, 4(1), vbae108.

Steiert D, et al. (2024) An exploration into CTEPH medications: Combining natural language processing, embedding learning, in vitro models, and real-world evidence for drug repurposing. PLoS computational biology, 20(9), e1012417.

Kovács B, et al. (2024) Iterative embedding and reweighting of complex networks reveals community structure. Scientific reports, 14(1), 17184.

Wang YC, et al. (2024) Compound-protein interaction prediction based on heterogeneous network reveals potential antihepatoma agents. iScience, 27(8), 110418.