Title: List of large language models

URL: https://en.wikipedia.org/wiki/List_of_large_language_models

PageID: 73249226

Categories: Category:Large language models, Category:Software comparisons

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A large language model (LLM) is a type of machine learning model designed for natural language processing tasks such as language generation . LLMs are language models with many parameters, and are trained with self-supervised learning on a vast amount of text.

This page lists notable large language models.

List

For the training cost column, 1 petaFLOP-day = 1 petaFLOP/sec $\times$ 1 day = 8.64E19 FLOP. Also, only the largest model's cost is written.

See also

List of chatbots

List of language model benchmarks

Notes

References

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AI-complete

Bag-of-words

n -gram Bigram Trigram

Bigram

Trigram

Computational linguistics

Natural language understanding

Stop words

Text processing

Argument mining

Collocation extraction

Concept mining

Coreference resolution

Deep linguistic processing

Distant reading

Information extraction

Named-entity recognition

Ontology learning

Parsing Semantic parsing Syntactic parsing

Semantic parsing

Syntactic parsing

Part-of-speech tagging

Semantic analysis

Semantic role labeling

Semantic decomposition

Semantic similarity

Sentiment analysis

Terminology extraction

Text mining

Textual entailment

Truecasing

Word-sense disambiguation

Word-sense induction

Compound-term processing

Lemmatisation

Lexical analysis

Text chunking

Stemming

Sentence segmentation

Word segmentation

Multi-document summarization

Sentence extraction

Text simplification

Computer-assisted

Example-based

Rule-based

Statistical

Transfer-based

Neural

BERT

Document-term matrix

Explicit semantic analysis

fastText

GloVe

Language model (large)

Latent semantic analysis

Seq2seq

Word embedding

Word2vec

Corpus linguistics

Lexical resource

Linguistic Linked Open Data

Machine-readable dictionary

Parallel text

PropBank

Semantic network

Simple Knowledge Organization System

Speech corpus

Text corpus

Thesaurus (information retrieval)

Treebank

Universal Dependencies

BabelNet

Bank of English

DBpedia

FrameNet

Google Ngram Viewer

UBY

WordNet

Wikidata

Speech recognition

Speech segmentation

Speech synthesis

Natural language generation

Optical character recognition

Document classification

Latent Dirichlet allocation

Pachinko allocation

Automated essay scoring

Concordancer

Grammar checker

Predictive text

Pronunciation assessment

Spell checker

Chatbot

Interactive fiction

Question answering

Virtual assistant

Voice user interface

Formal semantics

Hallucination

Natural Language Toolkit

spaCy

Language