

LINKSFOUNDATION.COM

Applied Data Science Project

L11 – Hub of (foundation) models



**Politecnico
di Torino**



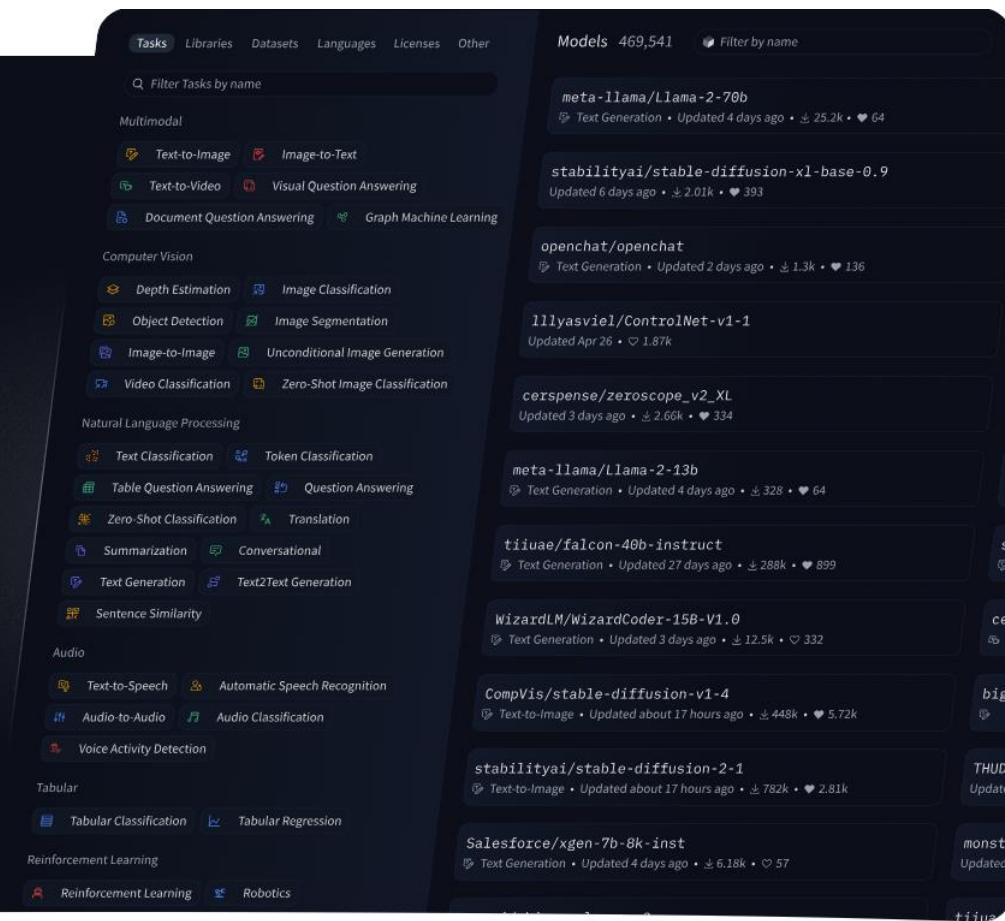
e l i s
European Laboratory for Learning and Intelligent Systems

Huggingface



The AI community building the future.

The platform where the machine learning community collaborates on models, datasets, and applications.



<https://huggingface.co>

300K+ models as of today


On Oct 10, 2024

Models 1,036,320


Filter by name

Full-text search

Sort: Trending

 openai/whisper-large-v3-turbo
Automatic Speech Recognition • Updated 3 days ago • 38.5k • 615

 nvidia/NVLM-D-72B
Image-Text-to-Text • Updated 3 days ago • 5.13k • 447

 black-forest-labs/FLUX.1-dev
Text-to-Image • Updated Aug 16 • 1.13M • 5.17k

 ostris/OpenFLUX.1
Text-to-Image • Updated 3 days ago • 4.73k • 304

 meta-llama/Llama-3.2-11B-Vision-Instruct
Image-Text-to-Text • Updated 7 days ago • 254k • 550

 openbmb/MiniCPM-Embedding
Feature Extraction • Updated 6 days ago • 172k • 218

Among these, foundation models

The screenshot shows the Hugging Face homepage with a search bar containing the text 'llama'. The search results are displayed in a dropdown menu, categorized into 'Models' and 'Datasets'. The 'Models' section lists several Llama models, with 'meta-llama/Llama-2-7b' highlighted. The 'Datasets' section lists datasets like 'mlabonne/guanaco-llama2-1k' and 'togethercomputer/llama-instruct'. The left sidebar shows navigation options like 'Tasks', 'Libraries', and 'Datasets', with 'Tasks' currently selected. The right sidebar shows a 'Filter by name' input field and a list of model names and their upload times.

Hugging Face 🔍 llama **Models** **Datasets**

Models

- meta-llama/Llama-2-7b
- meta-llama/Llama-2-7b-chat-hf
- meta-llama/Llama-2-70b-chat-hf
- meta-llama/Llama-2-7b-hf
- meta-llama/Llama-2-13b-chat-hf
- TheBloke/Llama-2-7B-Chat-GGML
- See 9160 model results for "llama"

Datasets

- mlabonne/guanaco-llama2-1k
- togethercomputer/llama-instruct
- jamescalam/llama-2-arxiv-papers-chunked
- See 981 dataset results for "llama"

Snaces

- new Try Full-text search

Tasks Libraries Datasets

Other

Filter Tasks by name

Multimodal

- Feature Extraction
- Image-to-Text
- Visual Question Answering
- Document Question Answering
- Graph Machine Learning

Computer Vision

- Depth Estimation
- Object Detection

Filter by name

al-7B-v0.1

ted about 2 hours ago •

al-7B-Instruct-v0

ted about 2 hours ago •

al-7B-OpenOrca

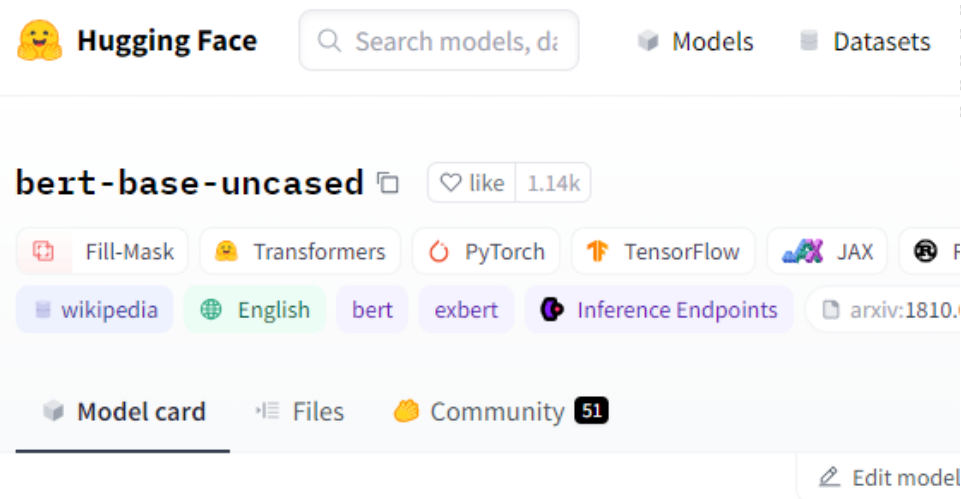
ted about 17 hours ago •

ephyr-7b-alpha

ted 1 day ago • ↓ 968 •

stable-diffusion-xl-

d 9 days ago • ↓ 4.59M •



BERT base model (uncased)

Pretrained model on English language using a masked language modeling (MLM) objective. It was introduced in [this paper](#) and first released in [this repository](#). This model is uncased: it does not make a difference between english and English.

Disclaimer: The team releasing BERT did not write a model card for this model so this model card has been written by the Hugging Face team.

Model description

BERT is a transformers model pretrained on a large corpus of English data in a self-supervised fashion. This means it was pretrained on the raw texts only, with no humans labeling them in any way (which is why it can use lots of publicly available data) with an automatic process to generate inputs and labels from those texts. More precisely, it was pretrained with two objectives:

Hands on

Task of slot filling: Hello I'm a [**MASK**] model

Task of named entity recognition: My name is Giuseppe and I live in Turin

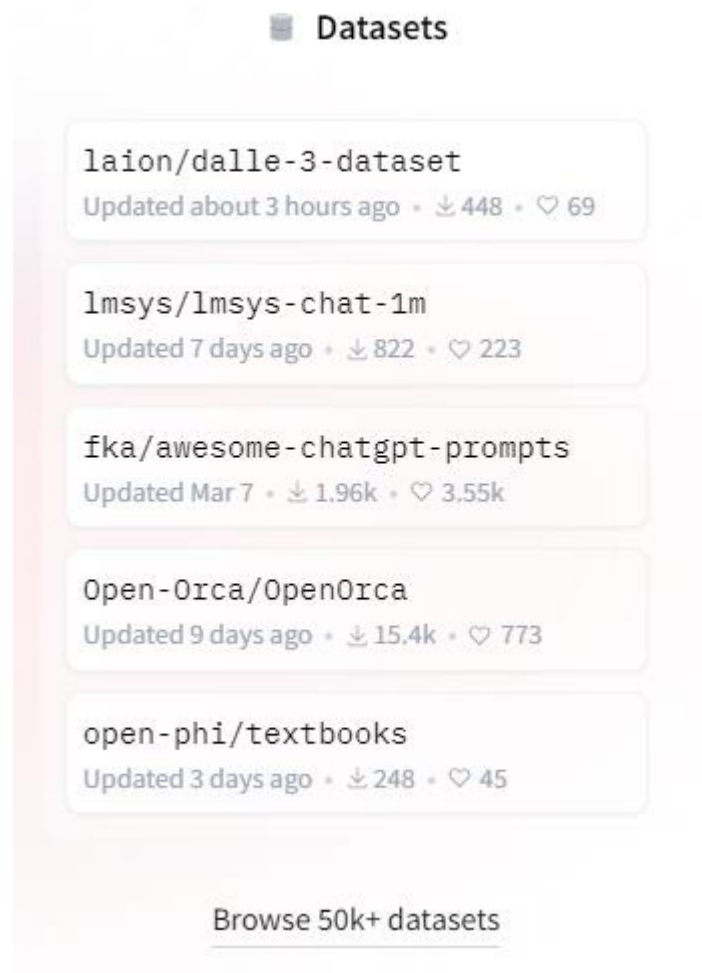


BERT Masking and NER.ipynb

Reference:

<https://huggingface.co/google-bert/bert-large-uncased-whole-word-masking> &
<https://huggingface.co/dslim/bert-base-NER>

A large choice of datasets



A large choice of prototypes



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Search Spaces

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Full-text search

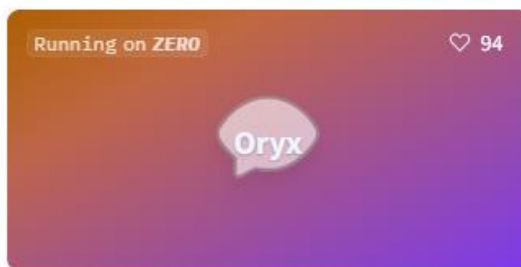
Sort: Trending

☆ Spaces of the week



gabrielchua

4 days ago



THUdyh

11 days ago



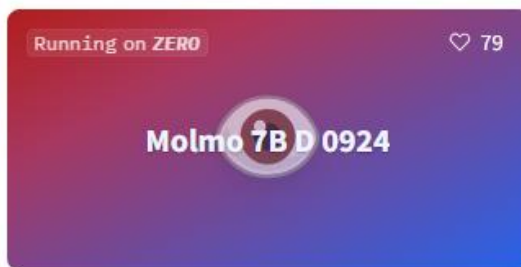
huggingface-projects

14 days ago



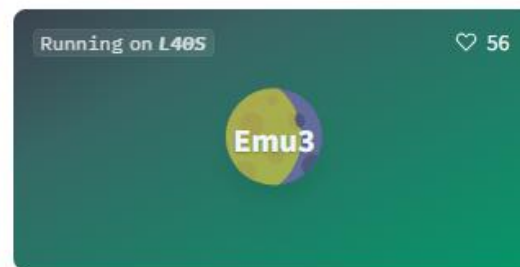
tencent

5 days ago



akhaliq

12 days ago



BAAI

7 days ago



Thank you for your attention.

Questions?

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