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**Politecnico
di Torino**



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European Laboratory for Learning and Intelligent Systems

Applied Data Science Project

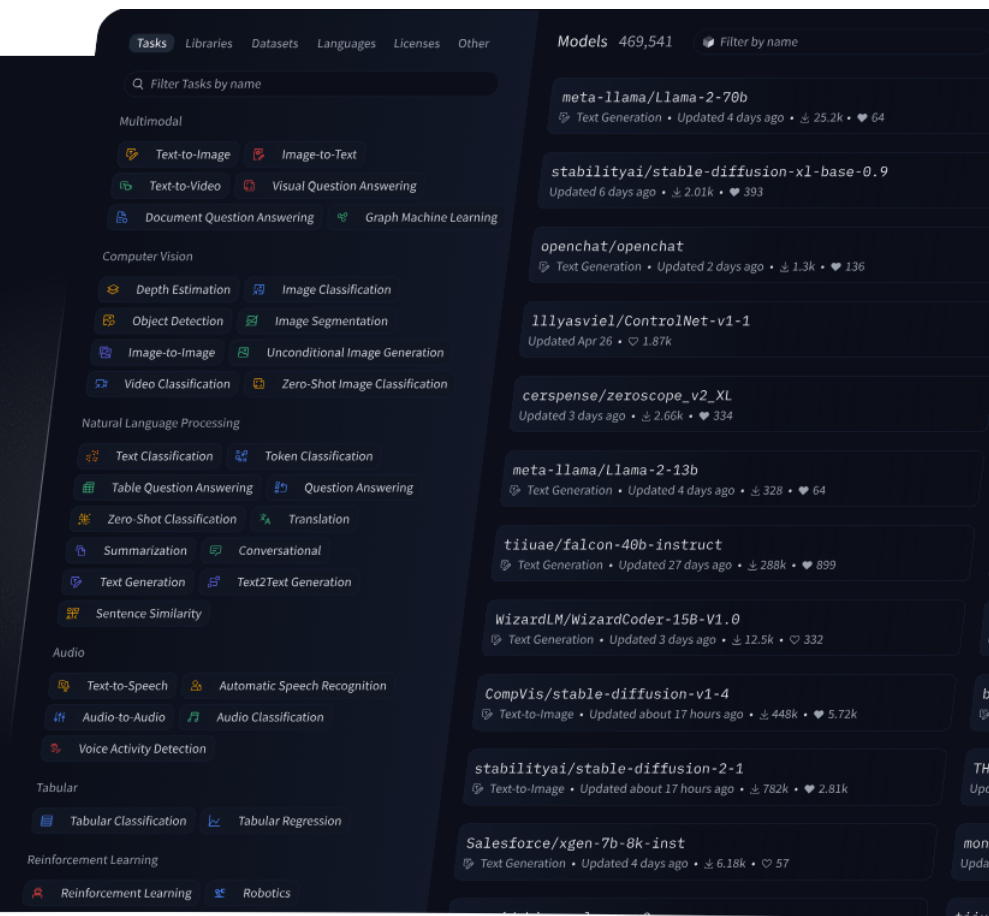
L11 – Hub of (foundation) models

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

Models

mistralai/Mistral-7B-v0.1

Updated about 2 hour... • ↓ 107k • ♥ 1.06k

mistralai/Mistral-7B-Instruct...

Updated about 2 hours a... • ↓ 104k • ♥ 634

Open-Orca/Mistral-7B-OpenOrca

Updated about 17 hour... • ↓ 42.7k • ♥ 283

HuggingFaceH4/zephyr-7b-alpha

Updated 1 day ago • ↓ 968 • ♥ 148

stabilityai/stable-diffusion-...

Updated 9 days ago • ↓ 4.59M • ♥ 3.06k

[Browse 300k+ models](#)

Among these, foundation models

The screenshot shows the Hugging Face website interface. At the top, the Hugging Face logo is on the left, a search bar contains the text 'llama', and 'Models' and 'Datasets' tabs are on the right. Below the search bar, a dropdown menu is open, displaying search results for 'llama'. The 'Models' section is highlighted in blue and lists several entries, with 'meta-llama/Llama-2-7b' selected. Below the 'Models' section, the 'Datasets' section is highlighted in pink and lists entries like 'mlabonne/guanaco-llama2-1k'. At the bottom of the dropdown, there is a 'Snaces' section and a 'new Try Full-text search' button. On the left side of the page, there are navigation tabs for 'Tasks', 'Libraries', and 'Datasets', with 'Tasks' selected. Below these are various task categories like 'Multimodal', 'Computer Vision', and 'Object Detection'.

bert-base-uncased

like 1.14k

Fill-Mask

Transformers

PyTorch

TensorFlow

JAX

Flax

wikipedia

English

bert

exbert

Inference Endpoints

arxiv:1810.03244

Model card

Files

Community **51**

Edit model

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

Slot filling: Hello I'm a [MASK] model


Named Entity Recognition: My name is Giuseppe and I live in Turin



BERT Masking and NER.ipynb



A large choice of datasets

 **Datasets**

- laion/dalle-3-dataset**
Updated about 3 hours ago • ↓ 448 • ♥ 69
- lmsys/lmsys-chat-1m**
Updated 7 days ago • ↓ 822 • ♥ 223
- fka/awesome-chatgpt-prompts**
Updated Mar 7 • ↓ 1.96k • ♥ 3.55k
- Open-Orca/OpenOrca**
Updated 9 days ago • ↓ 15.4k • ♥ 773
- open-phi/textbooks**
Updated 3 days ago • ↓ 248 • ♥ 45

[Browse 50k+ datasets](#)



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Thank you for your attention.

Questions?

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