

Hugging Face

Mohammad Arshad

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Hugging Face is an online community and platform that provides community-sourced building blocks for advanced deep learning applications.

<https://huggingface.co>

Features

- An open-source community for sharing model artifacts
- Pretrained and packaged models for popular ML tasks
- Preformatted and labeled datasets
- A library and an API for easy training and inference
- Additional building blocks like tokenizers, metrics, etc.
- Public can contribute to new/refined artifacts

PreTrained Models in Hugging Face

- Hosts a huge repository of pretrained model checkpoints
- Searchable by task, ML framework, and architecture
- Model card provides background and documentation
- Hosted inference API – to run a quick example



DataSets

- Datasets collected for a variety of tasks and languages
- Can be loaded and used with a few lines of code
- In Apache Arrow format
- Datasets package allows easy downloading, caching, and use of datasets