Library description:

torch (PyTorch): PyTorch is a machine learning framework based on the Torch library, used for applications such as computer vision and natural language processing, originally developed by Meta AI and now part of the Linux Foundation umbrella. It is free and open-source software released under the modified BSD license.

sklearn: scikit-learn (sklearn) is a free and open-source Python module for machine learning built on top of SciPy and is distributed under the 3-Clause BSD license.

transformers: The Transformers library is a Python package that contains open-source implementations of transformer models for text, image, and audio tasks. The Transformers library is developed by Hugging Face, Inc. and is distributed under Apache License 2.0.

bart: bart is a large NLP model developed by Facebook AI. BART is an open-source model and is included in the transformers library.

Run time environment:

Python: Python 3.11

PyTorch: PyTorch Build: Stable (2.0.1), Compute Platform: CPU