

Project Dependencies - BERT Text Classification (PyTorch + Transformers)

pandas==2.2.3	# For loading and processing CSV data
numpy==2.1.3	# Numerical operations and array manipulation
torch==2.5.1	# PyTorch deep learning framework
scikit-learn==1.6.0	# Train/test splitting and classification metrics (accuracy, F1, AUC, etc.)
transformers==4.49.0	# HuggingFace library for BERT models and training pipeline
tokenizers==0.21.0	# Efficient tokenization backend used by Transformers
tqdm==4.67.1	# Progress bar support (used during training and evaluation)