Applications

Benchmarks	Unified Information Extraction	ChatGPT-like LLM	Low-resource Mining	Code NLU & NLG	...
Chinese CLUE, GLUE, FewCLUE, ...	HugIE	HugChat	Semi-supervised CLS, Few-shot NER, ...	Clone Detection, Code Defect, ...	

Core Capacities

Knowledge Representation	Fine-tuning & Prompt-tuning	Instruction & In-Context Learning	Uncertainty-aware Self-training	Parameter-Efficient Learning	...

Models & Evaluators & Processors

Language Modeling	Masked LM, Causal LM, ...
Sequence Classification	Head-based CLS, Prompt-based CLS, ...
Sequence Matching	Head-based CLS, Prompt-based CLS, ...
Sequence Labeling	NER, Spell Checking, Part-of-Speech, ...

Span Extraction	MRC, Global Pointer ......
Multi-choice	commonsense, CHID ......
Text Generation	Summarization, Translation ......
Few-shot Learning Model	NNShot, Prototypical Network, ...

Plug-and-Play Utils

Parameter Freezing
Uncertainty Estimation
Prediction Calibration
......

Callback

ml*flow*™ Tracking Callback

Backend

🤗 **HuggingFace Transformers**