

Machine Learning

Framework	Platform	Library
<ul style="list-style-type: none"> Accord.NET Microsoft Azure ML Hugging Face CANDLE Microsoft LightGBM MANOUT ML.NET Open Platform for Enterprise AI RAY ZenML 	<ul style="list-style-type: none"> Angel ForestFlow Alibaba Alink Apache SystemML AX cortex H2O Kubeflow MERAFLOW mlflow Predictor3D SELDON VIVALABBY 	<ul style="list-style-type: none"> 1ML DeepCausality Recommenders SapientML AutoGluon CarBoost Flashlight MediaPipe mpack OpenCV OpenML CAFET Learn 將軍 Shogun Sonnet salesforce TransmogrifAI dmk XGBoost xLearn

Deep Learning

Framework	Platform	Library	Tool
<ul style="list-style-type: none"> DeepRec ShaderNN SINGA Chainer CNTK dy/net Alibaba euler MindSpore mxnet ncnn Pythia PYTORCH TensorFlow 	<ul style="list-style-type: none"> TONY DeepDetect Determined AI jina Onepanel Polyaxon 	<ul style="list-style-type: none"> BigDL Catalyst DL4J fast.ai Keras PyTorch Ignite PyTorch Lightning PyTorchVideo 	<ul style="list-style-type: none"> BeyondML BoTorch intel Distiller ploidML PyTorch Hub PyTorch tvm

Programming

Programming	Reinforcement Learning
<ul style="list-style-type: none"> Pyro Kompute DASK IntelNET julia MARS Numba NumPy NYOKA pymcgrate PyMC3 python R SciPy SKIP Stan 	<ul style="list-style-type: none"> CleanRL Coach DeepMindLab Dopamine Horizon OpenAI Google PlaNet Google SEED RL State Baselines

Data

Education	Lineage	Relational DB	Store & Format	Versioning	Operations	Feature Engineering	Stream Processing	SQL Engine	Visualization	Pipeline Management	Labeling & Annotation	Governance
<ul style="list-style-type: none"> DATA PRACTICES.ORG OpenDS4All 	<ul style="list-style-type: none"> OpenLineage OpenBytes OpenDataology 	<ul style="list-style-type: none"> CouchDB MySQL KV 	<ul style="list-style-type: none"> Milvus docarray JanusGraph LakeSoul ALLUXIO ICEBERG ORC ARESB ARROW DELTA LAKE Dragonfly druvid hudi HugeGraph Influxdb pandas Parquet pilosa StarRocks Valid YEARCH vespa Vineyard 	<ul style="list-style-type: none"> datadiff DVC datashim quilt Mathesar snoriel WHYLABS whylogs 	<ul style="list-style-type: none"> MARQUEZ Amundsen datashim ML OpenADS tsfresh 	<ul style="list-style-type: none"> FEAST feathr Featuretools ML OpenADS tsfresh 	<ul style="list-style-type: none"> NNStreamer beam brooklin Flink fluentd kafka logstash Pravega PREFECT PULSAR samza Uber uReplicator 	<ul style="list-style-type: none"> GRILL HAWQ presto SQLFlow trino 	<ul style="list-style-type: none"> bakeh plotly Dash Uber deck.gl Ecco Google Facets Grafana Metabase Prometheus RCloud redash NYU Superset Google Tableau 	<ul style="list-style-type: none"> Artigraph Analytics Zoo intel DAGSTER PIFlow TENON TPOT 	<ul style="list-style-type: none"> Xtremel Labelbox LabelImg HITACHI Inspire the Next Microsoft VOT 	<ul style="list-style-type: none"> EGERIA Bitol IBM CVAT Doccano Label Studio Labeling Microsoft VOT

Model

Inference	Federated Learning	Training	Parameter	Format & Interface	Marketplace	Workflow	Benchmarking	Tool	Data
<ul style="list-style-type: none"> ADLIX KServe CaixaML MNN NVIDIA TensorRT NVIDIA TensorRT uTensor LLM 	<ul style="list-style-type: none"> FATE Substra OPENFL PySyft TensorFlow Federated 	<ul style="list-style-type: none"> Horovod LEWDIG deepsped Microsoft Petastorm TorchRec 	<ul style="list-style-type: none"> HYPERMOT KATIB talos 	<ul style="list-style-type: none"> ONNX Uber Neuropod Microsoft 	<ul style="list-style-type: none"> Machine Learning Exchange Acumos IBM 	<ul style="list-style-type: none"> Flyte kedro CLAYME-D Airflow nifi argo Azaban BENTONML Cadence Couler CYCLONE DataBolt ddtflow kestra Spotify luigi mleap Orchest PREFECT TRAINS vaclabs 	<ul style="list-style-type: none"> DAWN Bench MLPerf 	<ul style="list-style-type: none"> FlagAI 智旗 Qualcomm AIMET FLAML Microsoft MMLite amazon Neo-AL NETR-N ONNX RUNTIME PipelineAI studio.ml Google aws TorchServe turi 	<ul style="list-style-type: none"> RWKV LANGUAGE MODEL

Distributed Computing

Computing & Management	Interface	Security & Privacy
<ul style="list-style-type: none"> EDL Elastic Deep Learning SOAJS Bahir MESOS Apache Ranger SPARK STORM GNSS NETFLIX genie GraphScope kubernetes intel Nauta OPENSHIFT Singularity 	<ul style="list-style-type: none"> OPEN VOICE INTEROPERABILITY sparklyr APACHE TOREE LIV 	<ul style="list-style-type: none"> Google Differential Privacy IBM HElib Microsoft SEAL Google TensorFlow Privacy TFEnrypted

Natural Language Processing

Natural Language Processing	Notebook Environment
<ul style="list-style-type: none"> DELTA RosaeNLG Google ALBERT AllenNLP Google Bert LUON haystack Kashgari FACEBOOK LASER fastText flair ParAI FACEBOOK PyTorch RASA spaCy Transformers FACEBOOK XLNet YouTokenToMe 	<ul style="list-style-type: none"> Elyra colab BeakerX IP[y]: IPython jupyter ENVO Stencilio Streamlit

Trusted & Responsible AI

Trusted & Responsible AI	Explainability	Adversarial	Bias & Fairness
<ul style="list-style-type: none"> AI Explainability 360 ELIS Google Lucid Bolt Treeinterpreter trulens 	<ul style="list-style-type: none"> ALBI Captum Microsoft InterpretML W UNIVERSITY OF WASHINGTON Lime SHAP SKATER 	<ul style="list-style-type: none"> Adversarial Robustness Toolbox AdvBox advers torch adversarial Footbox 	<ul style="list-style-type: none"> AI Fairness 360 OPEN VOICE TRUSTMARK Intersectional Fairness Aequitas Audit AI Fairlearn