

Machine Learning

Framework	Platform	Library
<ul style="list-style-type: none"> Accord.NET Microsoft Action Maping Face CANN Microsoft LightGBM MAHOUI ML.NET RAY ZenML 	<ul style="list-style-type: none"> Angel ForestFlow Open Platform for Enterprise AI H₂O KubeFlow Alibaba Alink Apache Spark ML AX cortex MEDIAFLOW mlflow SELDOM 	<ul style="list-style-type: none"> IML DeepCausality IREE Recommenders Sapient ML Flashlight MediaPipe OpenCV Learn OpenCV CPAET Learn Sonnet Transmogrifier XGBoost xLearn

Deep Learning

Framework	Platform	Library	Tool
<ul style="list-style-type: none"> DeepRec RYOMA ShaderNN SINGA Chainer CNTK dy/net Alibaba eulter MindSpore mxnet ncnn Pythia PYTORCH TensorFlow 	<ul style="list-style-type: none"> Tony DeepDetect Determined AI Chopwell Polyaxon Alibaba.com 	<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 tvm

Programming

Programming
<ul style="list-style-type: none"> Pyro Kompute DASK InfraNET julia MARS Numba NumPy NYOKA pi-megranate PyMC3 python R SciPy SKIP Stan

Reinforcement Learning

Reinforcement Learning
<ul style="list-style-type: none"> Chainer RL CleanRL Coach DeepMind Lab Expensify Horizon OpenAI Google PlaNet Google SEED RL Stable 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"> docarray Milvus DELTA LAKE JanusGraph LakeSoul ALLUXIO ICEBERG ORC ARESDB ARROW DELTA ICEBERG DRUID HUDI HUGEGRAPH INFLUXDB PARQUET PILOSA STARROCKS VALD VEARCH VESPA VINEYARD 	<ul style="list-style-type: none"> dot-ci DVC oault 	<ul style="list-style-type: none"> MARQUEZ Amundsen datashim Mathesar snorl WHYLABS whylogs 	<ul style="list-style-type: none"> FEAST feathr Featuretools Open4DS tsfresh 	<ul style="list-style-type: none"> NNStreamer Rockset beam brooklin Flink fluentd KAFKA logstash PREFACT PULSAR samza Uber uReplicator 	<ul style="list-style-type: none"> APACHE DRILL HAWQ presto SQLFlow trino 	<ul style="list-style-type: none"> bakeh IBM Dash Uber deck.gl ECCO Google Facets Grafana Metabase NYU Superset Google TensorBoard 	<ul style="list-style-type: none"> Artigraph Analytics Zoo DAGSTER PIFlow TEXTON TPOT 	<ul style="list-style-type: none"> Xtremel Labelbox Labelimg HITACHI Microsoft VOT 	<ul style="list-style-type: none"> EGERIA Bitol Unity Catalog

Model

Inference	Federated Learning	Training	Parameter	Format & Interface	Marketplace	Workflow	Benchmarking	Tool
<ul style="list-style-type: none"> ADLIK KServe CAUSALML MNN NVIDIA TensorRT uTensor 	<ul style="list-style-type: none"> FATE Substra OPENFL PySyft TensorFlow Federated 	<ul style="list-style-type: none"> ANONYMOUS LEWIS DLRover deepseed Microsoft Petastorm TorchRec 	<ul style="list-style-type: none"> HyFlow Katib talos 	<ul style="list-style-type: none"> ONNX Uber Neuropod Microsoft Semantic Kernel 	<ul style="list-style-type: none"> Machine Learning Exchange Acumos IBM 	<ul style="list-style-type: none"> Flyte kedro LA-TIME-D argo Azaban BENTONML Cadence Couler CYCLONE DataBolt Orchest PREFECT TRAINS Volcano 	<ul style="list-style-type: none"> DAWN Bench MLPerf 	<ul style="list-style-type: none"> FlagAI 飞智 Qualcomm AIMET FLAML Microsoft aws MMS amazon Neo-AI NETR ONNX Runtime PipelineAI studio.ml Google aws TorchServe turi

Distributed Computing

Computing & Management	Interface	Security & Privacy	Natural Language Processing	Models	Tools	Notebook Environment	Explainability	Adversarial	Bias & Fairness
<ul style="list-style-type: none"> EDL SOAJS Bahir MESOS Apache Ranger spark STORM AMUNDSEN GNS3 NETFLIX genie GraphScope kubernetes intel Nauta OPENSIFT Singularity 	<ul style="list-style-type: none"> OPEN SOURCE INTEROPERABILITY sparklyr ASAPUS TORE LOVY 	<ul style="list-style-type: none"> Google Differential Privacy HElib Microsoft SEAL Google TensorFlow Privacy TFPrivacy 	<ul style="list-style-type: none"> DELTA RosaeNLG Google ALBERT Allen NLP Google Bert Luon haystack Kashgari FACEBOOK LASER fastText flair ParAI FACEBOOK PyText RASA spaCy TRANSFORMERS FACEBOOK XLN YouTokenToMe 	<ul style="list-style-type: none"> RWKV LLM Open Model Initiative Monocle LangChain trulens 	<ul style="list-style-type: none"> Elyra colab ENVD IP[yl]: IPython jupyter IBM polynote Stencila Streamlit 	<ul style="list-style-type: none"> AI Explainability 360 ELIS Google Lucid Bolt ALIBI Captum Microsoft UNIVERSITY OF WASHINGTON Line SHAP SKATER TreeInterpreter 	<ul style="list-style-type: none"> Adversarial Robustness Toolbox AdvBox cover torch clayvarians FOOTBALL 	<ul style="list-style-type: none"> AI Fairness 360 TRUSTSHARK Intersectional Fairness Aequitas Audit AI Fairlearn 	

Trusted & Responsible AI