

**Machine Learning**

Framework	Platform	Library	Framework	Platform	Library	Tool	Reinforcement Learning	Programming

**Data**

Education	Lineage	Relational DB	Store & Format	Versioning	Operations	Feature Engineering	Stream Processing	SQL Engine	Visualization	Pipeline Management	Labeling & Annotation	Governance

**Model**

Inference	Federated Learning	Training	Parameter	Format & Interface	Marketplace	Workflow	Benchmarking	Tool	Explainability	Adversarial	Bias & Fairness

**Distributed Computing**

Computing & Management	Interface	Security & Privacy	Natural Language Processing	Notebook Environment

The LF AI & Data landscape explores open source projects in Artificial Intelligence and Data and their respective domains.

**LF AI & DATA Landscape**

**LF AI & DATA**

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