LF AI is an LF umbrella foundation founded in March 2018 to support collaboration and open source innovation in the AI, ML, and DL domains

https://lfai.foundation

Linux Foundation AI Landscape
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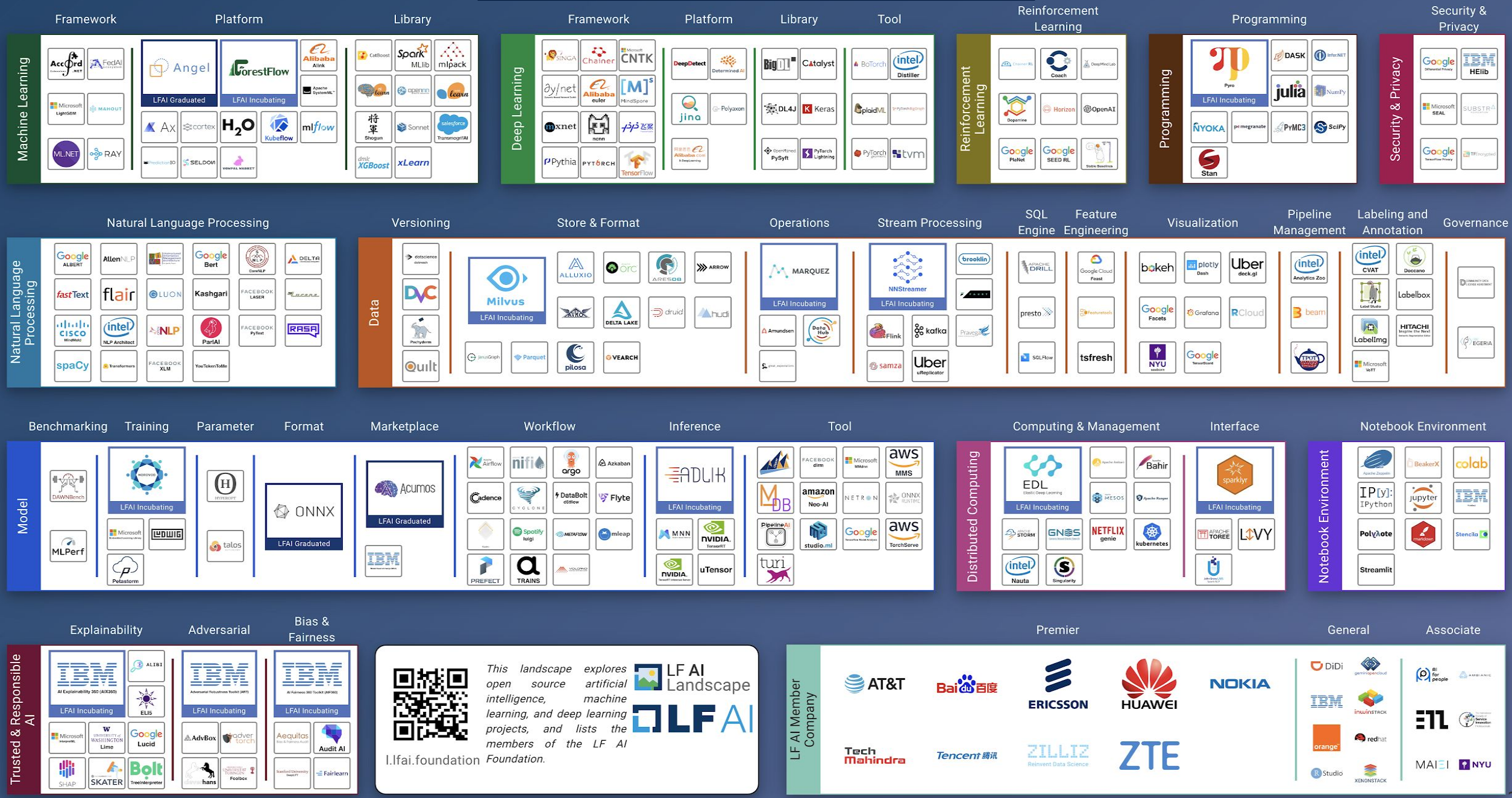
A growing ecosystem with many competing and redundant projects

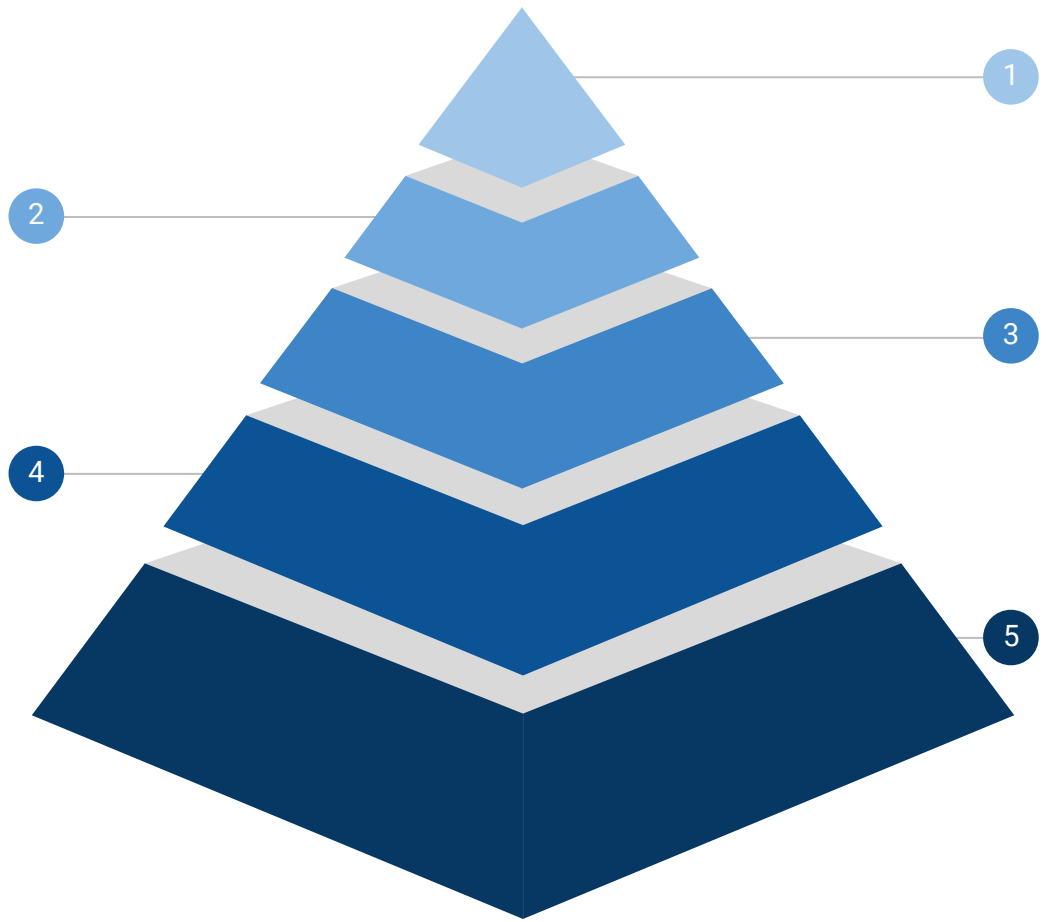
Greyed logos are not open source



Open Source AI - Ecosystem Challenges

Managing projects assets
As project grows, it is unclear who should own legal and administrative tasks that are essential to the health of the project

Governance challenges
No formal governance, governance favors the creators of the project, project backer dominating dev and governance



Glass ceiling for project investment and adoption
in the absence of a fair governance and safe haven for the project's assets

Developed for a specific product needs
The open source spinoff is a result of wanting to build an ecosystem and collaborate on building a platform

Fragmentation
Lack of integration
Lack of cross pollination across projects

Motivations for Harmonization

1. Better integration and interoperability capabilities across projects
2. Greater efficiency for members across various costs spent on supporting and growing the ecosystem
3. Unified guidance for end users on tools, interoperability, integration, standards, and the future of AI, Data and Analytics as its use continues to grow in every industry
4. Hosting projects under a single umbrella enables closer collaboration and integration across projects and is a proven recipe for building a strong open ecosystem

LF AI Structure

Funding Governance

Governing Board

Committees

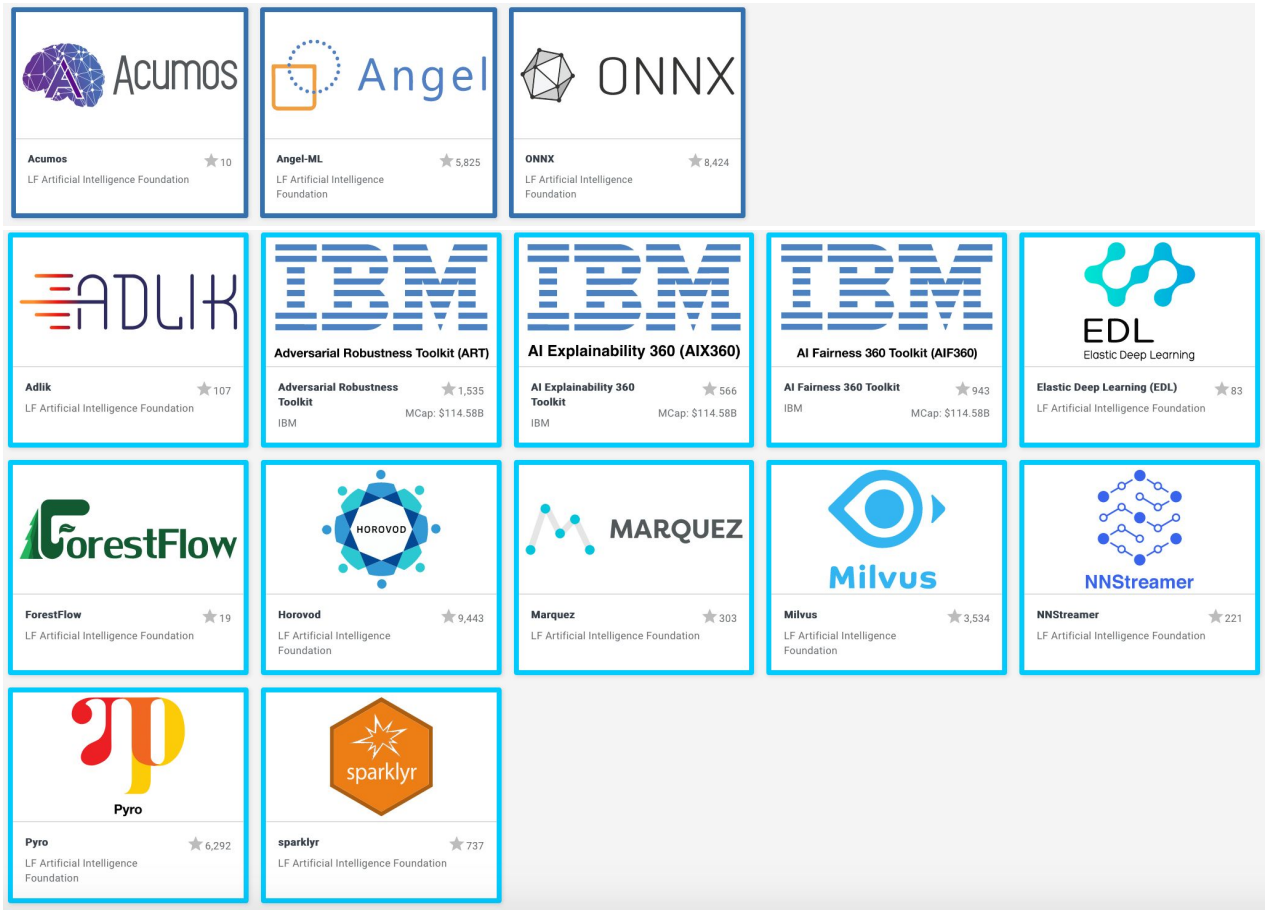
- Outreach
- Legal
- Strategy
- Budget

Technical Coordination

Technical Advisory Council (TAC)

- ML Workflow & Interop
- Trusted AI

Hosted Projects



Governance

- Foundation governance: funding effort to support technical projects hosted under the Foundation
- Technical governance: hosted projects have their own independent technical governance
- The Foundation's Charter is available from https://lfai.foundation
- Dedicated Staff:
  - Jacqueline Serafin, Lead PM
  - Ibrahim Haddad, Executive Director

LF AI Major Efforts

Neutral Environment

Provide an neutral environment and an open governance that fosters collaboration and cross-pollination across projects and communities

- Vendor neutral
- Not-for-profit
- Open governance
- IP clarity

Harmonization, Interoperability

Increase efforts to harmonize AI/ML/DL open source projects and reduce fragmentation; increase interoperability among technical projects

- Technical Advisory Council
- ML Workflow & Interop
- Cross-Foundation Collab
- Integration across projects

Trusted and Responsible AI

Become the home of open source trusted and responsible AI, both at the level of technical projects and also at the level of principles and guidelines

- Trusted AI Committee

Data, Models, Marketplace

Host open source models and provide supporting tools; publish best practices; offer a marketplace for AI/ML/DL models

- Open source marketplace
- Open source AI models

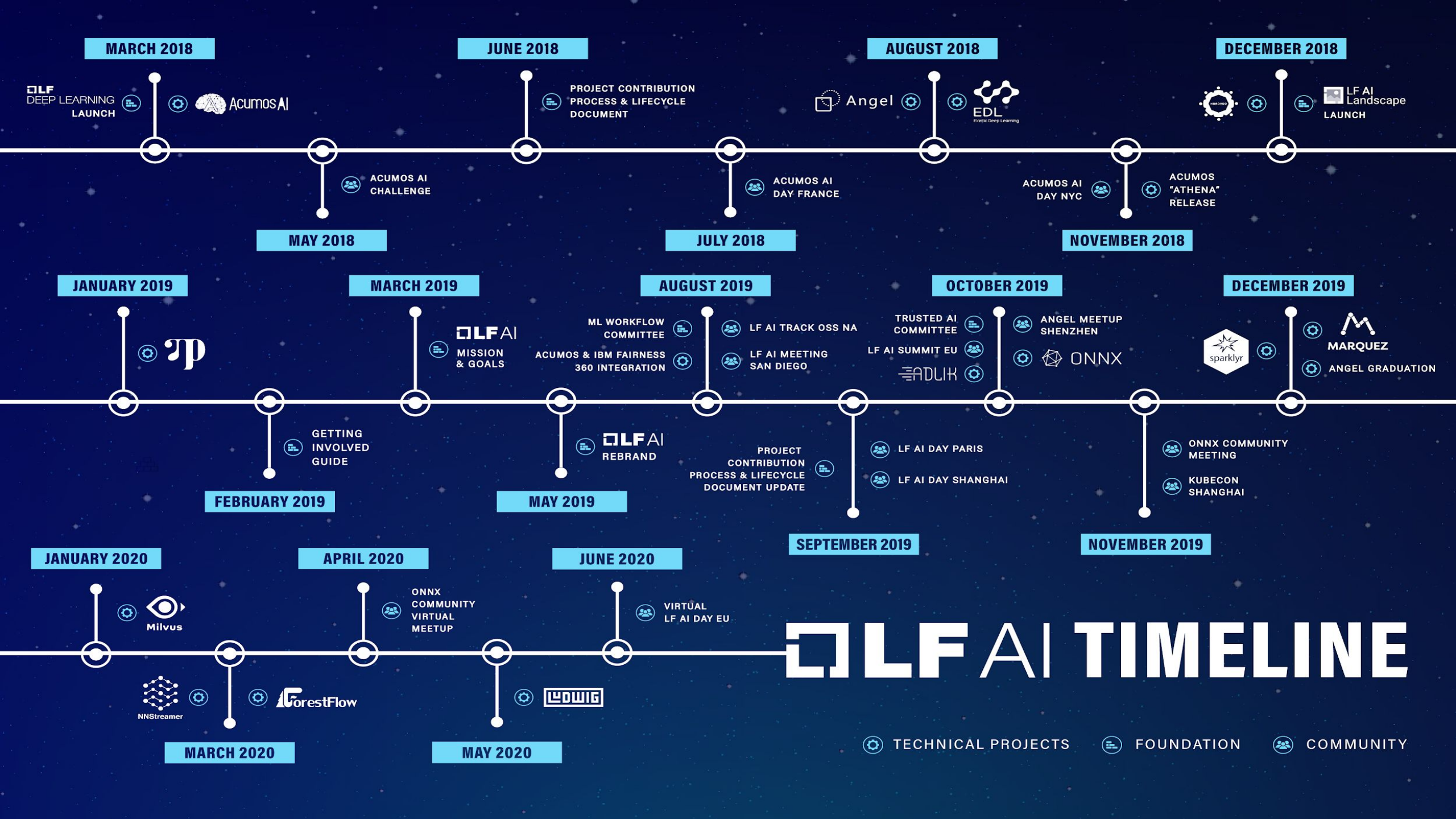
Funding and Awareness

Provide a funding model for key projects

Increase awareness via a number of marketing and outreach activities

Training courses published in edX

- Funding model
- LF AI Days
- LF AI Summits
- Marketing services
- PM services
- Event services


MARCH 2018
LF DEEP LEARNING LAUNCH
Acumos AI
MAY 2018
ACUMOS AI CHALLENGE
JUNE 2018
PROJECT CONTRIBUTION PROCESS & LIFECYCLE DOCUMENT
JULY 2018
ACUMOS AI DAY FRANCE
AUGUST 2018
Angel
EDL Elastic Deep Learning
NOVEMBER 2018
ACUMOS AI DAY NYC
ACUMOS "ATHENA" RELEASE
DECEMBER 2018
LF AI Landscape LAUNCH
JANUARY 2019
FEBRUARY 2019
GETTING INVOLVED GUIDE
MARCH 2019
LF AI MISSION & GOALS
MAY 2019
LF AI REBRAND
AUGUST 2019
ML WORKFLOW COMMITTEE
ACUMOS & IBM FAIRNESS 360 INTEGRATION
LF AI TRACK OSS NA
LF AI MEETING SAN DIEGO
SEPTEMBER 2019
PROJECT CONTRIBUTION PROCESS & LIFECYCLE DOCUMENT UPDATE
LF AI DAY PARIS
LF AI DAY SHANGHAI
OCTOBER 2019
TRUSTED AI COMMITTEE
LF AI SUMMIT EU
ADLIK
ANGEL MEETUP SHENZHEN
ONNX
NOVEMBER 2019
ONNX COMMUNITY MEETING
KUBECON SHANGHAI
DECEMBER 2019
sparklyr
MARQUEZ
ANGEL GRADUATION
JANUARY 2020
Milvus
MARCH 2020
NNStreamer
ForestFlow
APRIL 2020
ONNX COMMUNITY VIRTUAL MEETUP
MAY 2020
LUDWIG
JUNE 2020
VIRTUAL LF AI DAY EU
LF AI TIMELINE
TECHNICAL PROJECTS
FOUNDATION
COMMUNITY

Members

Premier

AT&T
Baidu 百度
ERICSSON
HUAWEI
NOKIA
Tech Mahindra
Tencent 腾讯
ZILLIZ Reinvent Data Science
ZTE

General

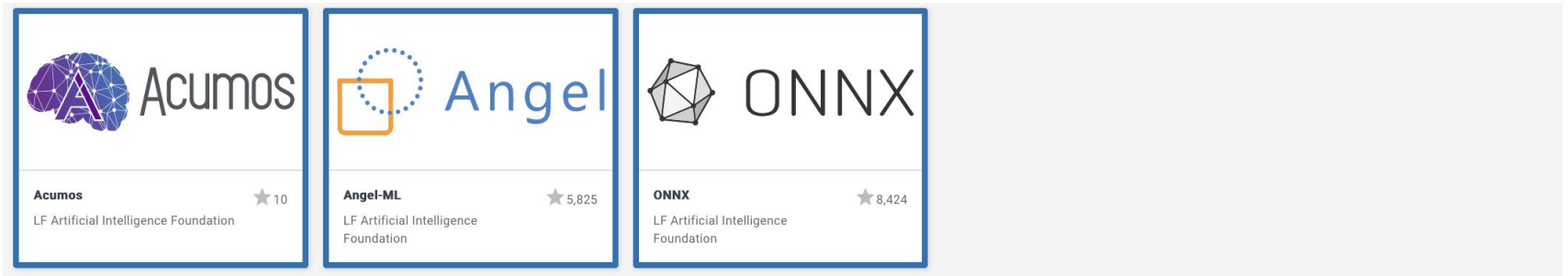
DiDi
geminiopencloud
IBM
inwinSTACK
orange
redhat
RStudio
XENONSTACK

Associate

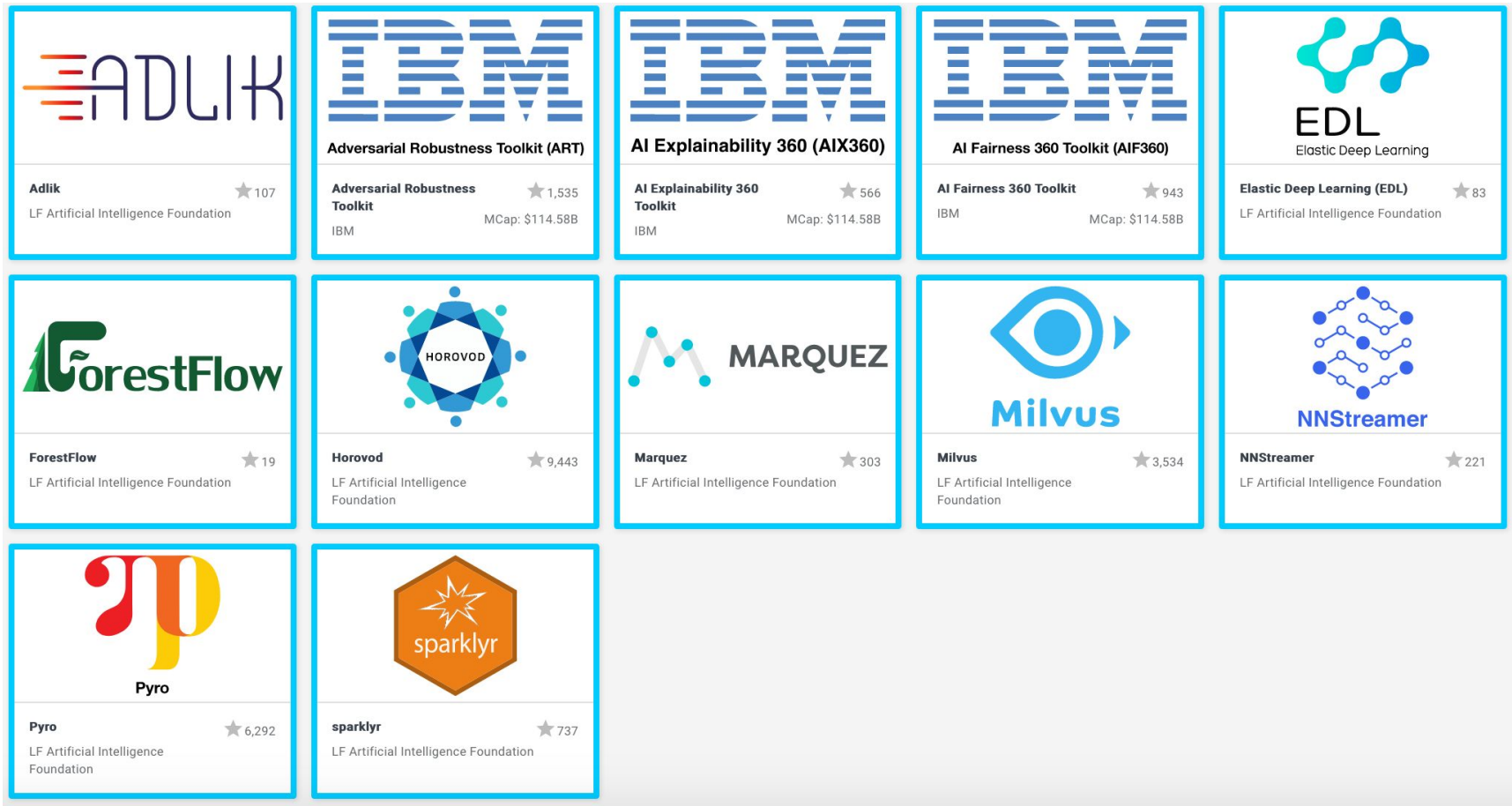
AI for people
AMBIANIC
ETL
The International Society of Service Innovation Professionals
MAIEI
NYU

Projects

Graduation



Incubation



Incubating Projects

- LF AI's TAC committee is responsible to voting in new incubation projects.
- The TAC meets bi-weekly and generally booked 4-6 weeks in advance.
- Proposing projects for incubation in LF AI: https://lfai.foundation/proposal-and-hosting-process/

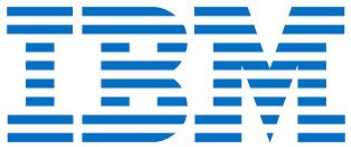
Project Resources

Hosted project stages and life cycle:
https://lfai.foundation/project-stages-and-lifecycle/

Offered services for hosted projects:

https://lfai.foundation/services-for-projects/

Companies hosting projects in LF AI



Universities Contributing Code to LF AI Projects

Stay Connected with LF AI!

- **Social**
  - Follow @LFAI_Foundation on Twitter
  - Connect via LF AI Foundation on LinkedIn

- **Mail Lists**
  - TAC - Participate in technical governance and hear about LF AI projects
  - Events - Learn about upcoming events
  - Announce - Stay in the loop on top level Foundation information

- **Blog**
  - Check the latest news on our Blog

Joining LF AI Foundation is easy!

Please follow up with Ibrahim Haddad

Web site	https://lfai.foundation
Email	info@lfai.foundation
Landscape	https://l.lfai.foundation
GitHub	https://github.com/lfai
Wiki	https://wiki.lfai.foundation
Mailing lists	https://lists.lfai.foundation/groups