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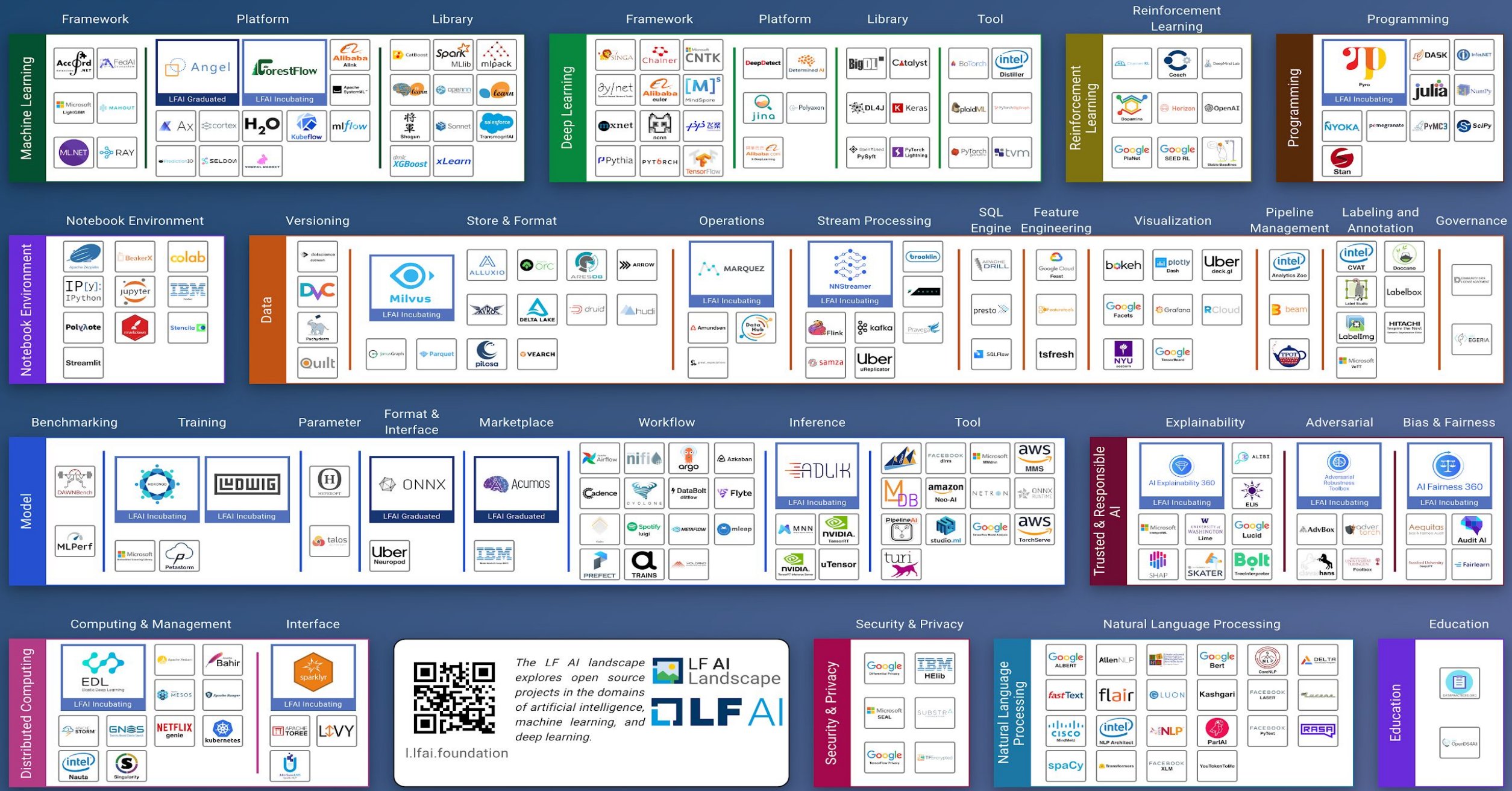
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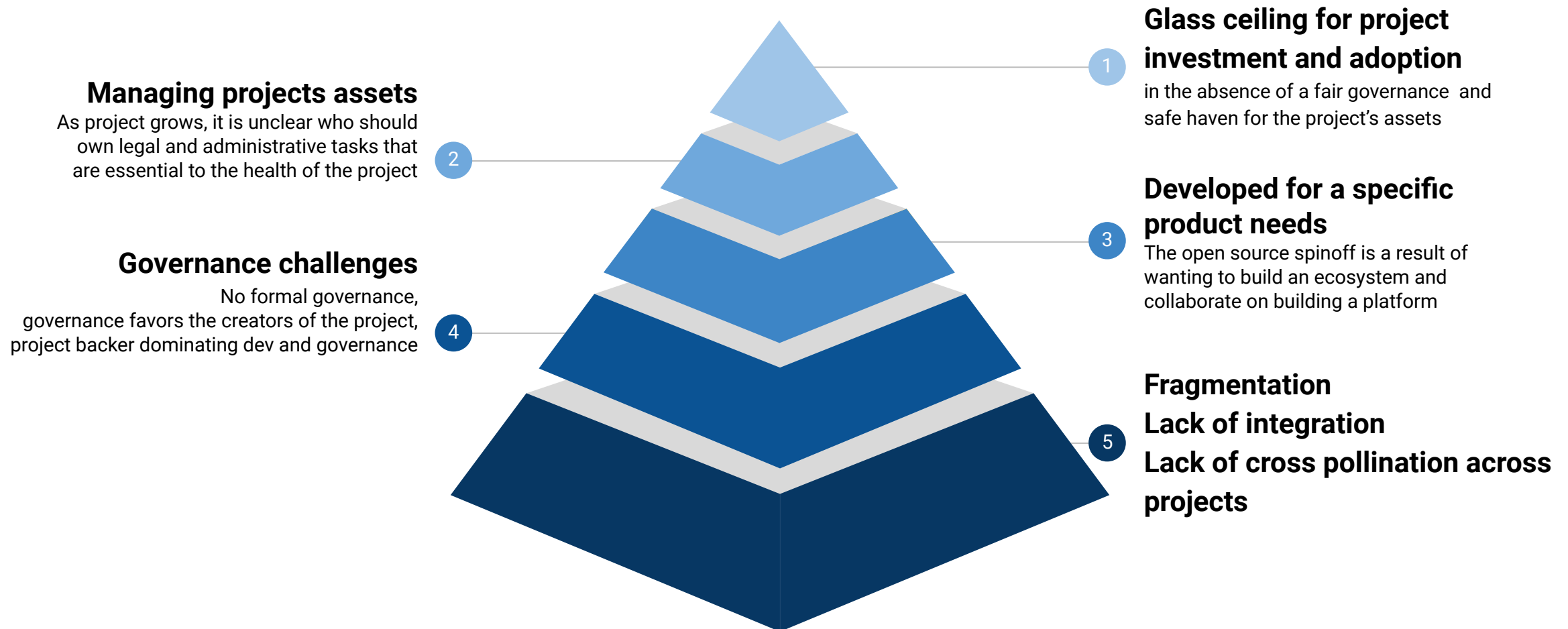
@IbrahimAtLinux

LF AI: Accelerating Open Source AI Innovation and Collaboration

Ecosystem Overview



Open Source AI - Ecosystem Challenges





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

<https://lfai.foundation>

Motivations for Harmonization

1. Better integration, interoperability and 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

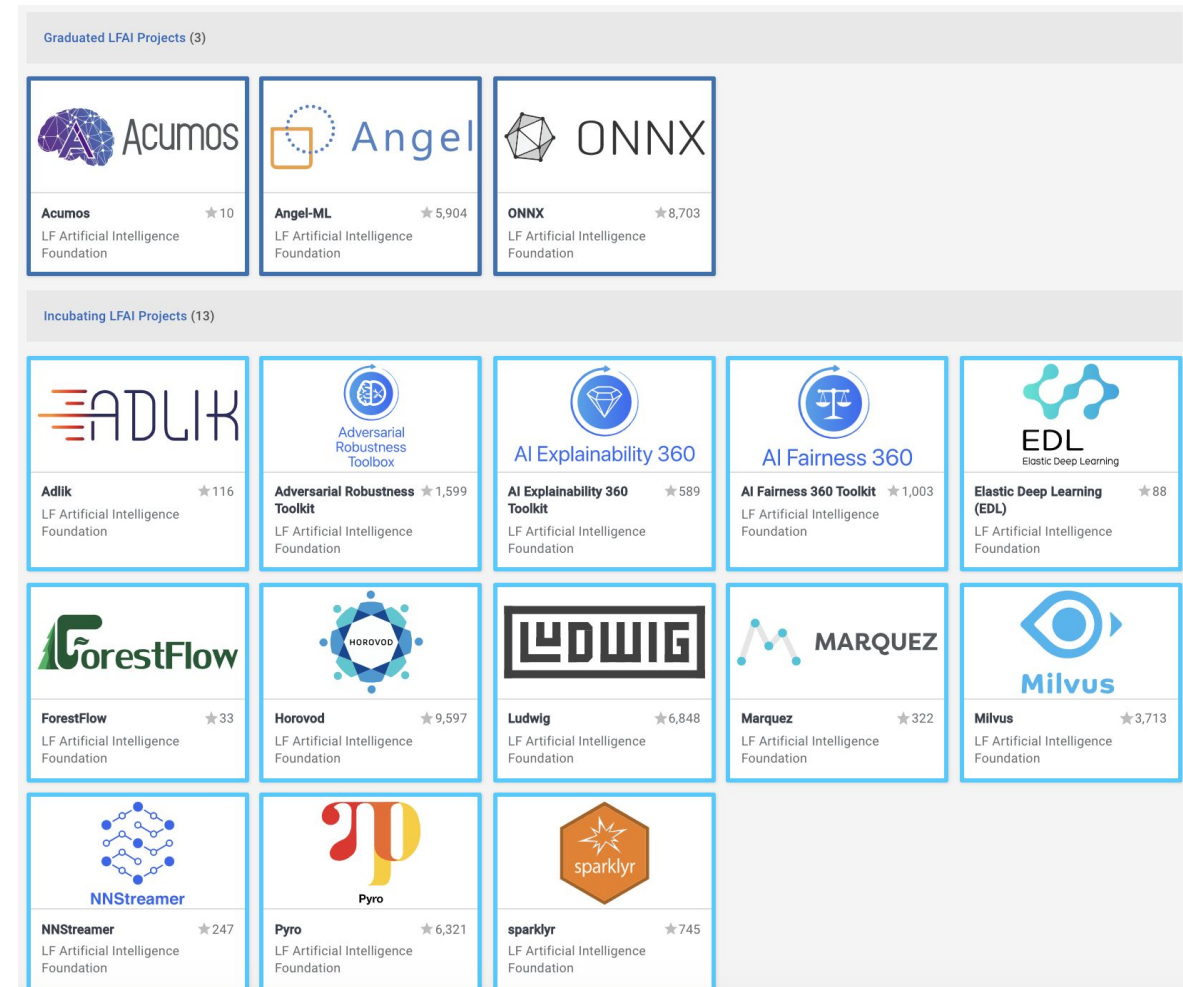
Funding Governance



Technical Coordination



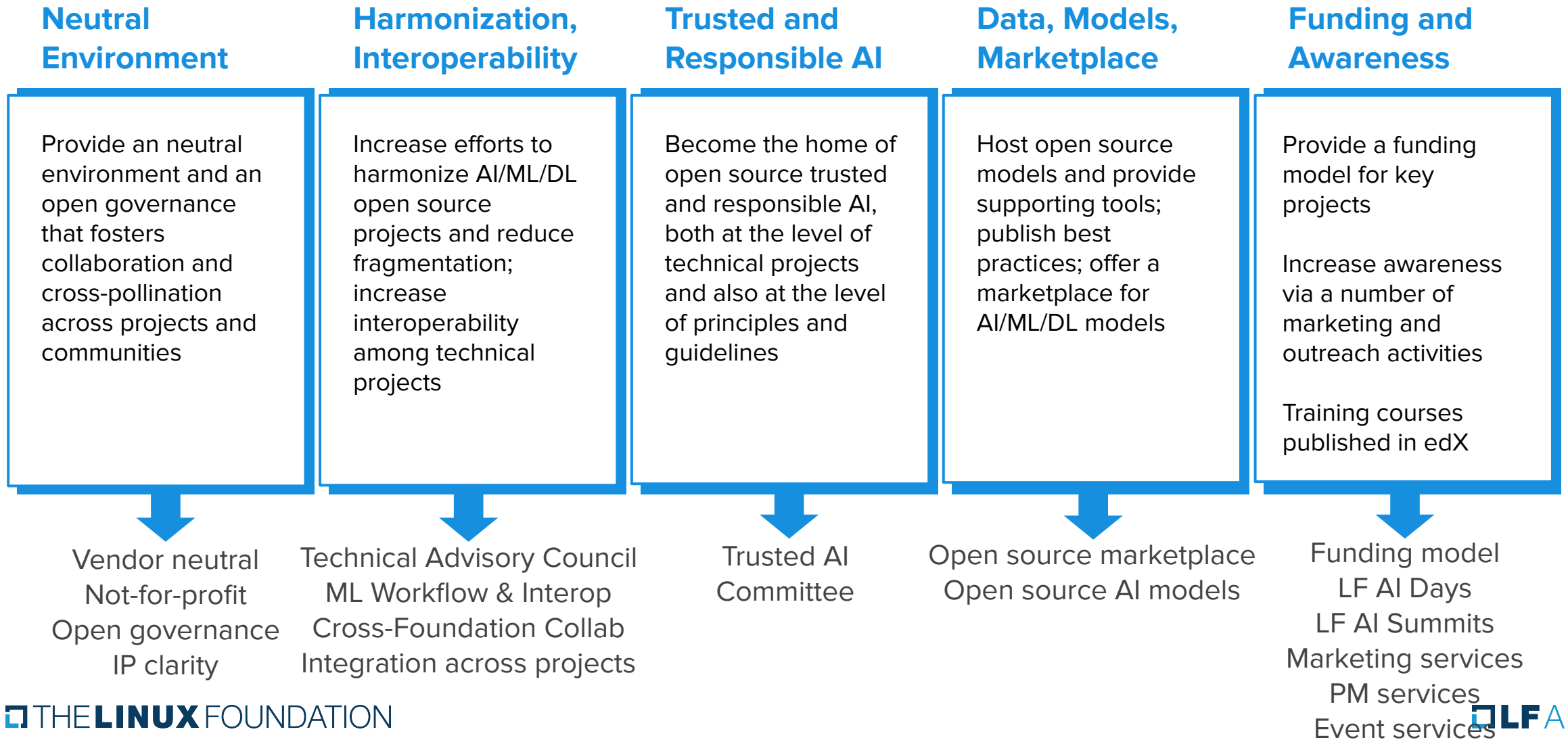
Hosted Projects

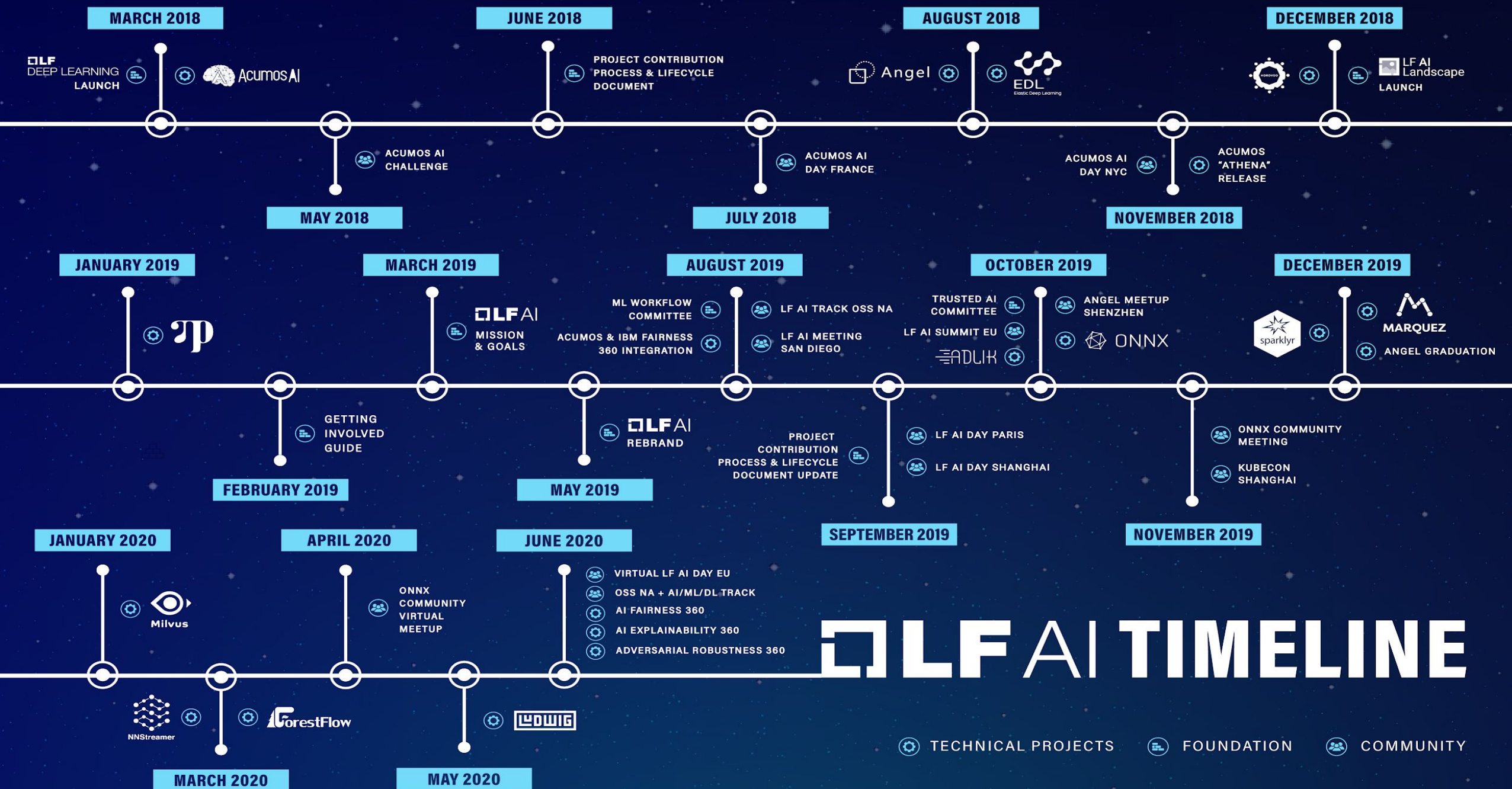


Governance

- › 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

LF AI Major Efforts






Members

Premier								
								
General								
Associate								


Projects

Graduation


Graduated LFAI Projects (3)



Acumos ★10
LF Artificial Intelligence Foundation




Angel-ML ★5,904
LF Artificial Intelligence Foundation




ONNX ★8,703
LF Artificial Intelligence Foundation

Incubation


Incubating LFAI Projects (13)




Adlik ★116
LF Artificial Intelligence Foundation




Adversarial Robustness Toolkit ★1,599
LF Artificial Intelligence Foundation




AI Explainability 360 Toolkit ★589
LF Artificial Intelligence Foundation




AI Fairness 360 Toolkit ★1,003
LF Artificial Intelligence Foundation




Elastic Deep Learning (EDL) ★88
LF Artificial Intelligence Foundation




ForestFlow ★33
LF Artificial Intelligence Foundation




Horovod ★9,597
LF Artificial Intelligence Foundation




Ludwig ★6,848
LF Artificial Intelligence Foundation




Marquez ★322
LF Artificial Intelligence Foundation




Milvus ★3,713
LF Artificial Intelligence Foundation



NNStreamer ★247
LF Artificial Intelligence Foundation



Pyro ★6,321
LF Artificial Intelligence Foundation



sparklyr ★745
LF Artificial Intelligence Foundation

Companies hosting projects in LF AI



FACEBOOK



Uber

wework



ZTE

A Growing Developer Community

Acumos
Adlik
Adversarial Robustness 360
AI Explainability 360
AI Fairness 360
Angel
EDL
ForestFlow
Horovod
Ludwig
Marquez
Milvus
nnstreamer
ONNX
Pyro
Sparklyr

You are currently tracking **7,310,710 lines of code**, committed by **1,119 developers**, from **46 known organizations**, working in **76 repos**, on **16 projects** over the last **6 years, 6 months, and 14 days**.

Strong LF AI Marketing/PR Effort

37 announcements in 2019

26 announcements in 1H 2020

- › Events announcements and promotion
- › Project release
- › Project incubation
- › New members joining
- › Project cross collaboration
- › Invited posts

LF AI provides marketing services to support community and ecosystem engagement.

- › Content ranging from the LF AI blog, white papers, posters, presentations, and more
- › Oversee blog editorial calendars and writing, editing, and/or identifying and funding freelancers to develop content
- › Help develop the project website and other required creative work

LF AI Events - Community Driven

- › LF AI Summit - co-located event with major LF conferences + Booth
- › LF AI Track at Open Source Summit (NA, EU, China) - Supporting 18-20 talks over 3 days + Booth
- › LF AI Days - a whole day (in person and virtual) hosted in collaboration with an LF AI member with audience ranging from 50-250. Multiple/year.
- › Project specific events
- › Sponsorship and booth at KubeCon
- › Strong presence & event participation in China



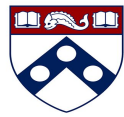
Universities Contributing Code to LF AI Projects



THE UNIVERSITY
OF BRITISH COLUMBIA



Stanford
University



Penn
UNIVERSITY of PENNSYLVANIA



NEW YORK UNIVERSITY



Massachusetts Institute of Technology



HARVARD
UNIVERSITY

UNIVERSITY OF
OXFORD



FLORIDA STATE UNIVERSITY

UNIVERSITY OF
COPENHAGEN



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/>

What does it mean to be a Foundation project?

- › A neutral home for the project increases the willingness of developers from organizations to collaborate, contribute, and become committers
- › Endorsement by members of the LF AI's Technical Advisory Committee (TAC) is an independent signal of the quality of your project
- › Open governance model
- › Program management support
- › Access to full-time LF AI staff who are eager to assist your project
- › Access to marketing and communications services to support community and ecosystem engagement
- › Access to a full range of events services to help the project build and grow a community around it
- › Legal support ranging from hosting the trademark in a neutral organization to CLA and DCO system integration with GitHub, regular compliance scans, etc.
- › Presence across multiple geographies

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/>

Stay Connected with LF AI

Social



[@LFAI_Foundation](https://twitter.com/LFAI_Foundation)



[LF AI Foundation](https://www.linkedin.com/company/lfai-foundation)

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 announcements

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