## Meeting of the Technical Advisory Council (TAC)

June 3rd, 2021



## **Antitrust Policy**

- > Linux Foundation meetings involve participation by industry competitors, and it is the intention of the Linux Foundation to conduct all of its activities in accordance with applicable antitrust and competition laws. It is therefore extremely important that attendees adhere to meeting agendas, and be aware of, and not participate in, any activities that are prohibited under applicable US state, federal or foreign antitrust and competition laws.
- > Examples of types of actions that are prohibited at Linux Foundation meetings and in connection with Linux Foundation activities are described in the Linux Foundation Antitrust Policy available at http://www.linuxfoundation.org/antitrust-policy. If you have questions about these matters, please contact your company counsel, or if you are a member of the Linux Foundation, feel free to contact Andrew Updegrove of the firm of Gesmer Undergone LLP, which provides legal counsel to the Linux Foundation.



## Recording of Calls

### **Reminder:**

TAC calls are recorded and available for viewing on the TAC Wiki



### Reminder: LF AI & Data Useful Links

> Web site: <a href="lifaidata.foundation"> Ifaidata.foundation</a>

Wiki: <u>wiki.lfaidata.foundation</u>

> GitHub: <u>github.com/lfaidata</u>

> Landscape: <a href="https://landscape.lfaidata.foundation">https://landscape.lfaidata.foundation</a> or <a href="https://landscape.lfaidata.foundation">https://landscape.lfaidata.foundation</a> or <a href="https://landscape.lfaidata.foundation">https://landscape.lfaidata.foundation</a>

> Mail Lists: <a href="https://lists.lfaidata.foundation">https://lists.lfaidata.foundation</a>

> Slack: <a href="https://slack.lfaidata.foundation">https://slack.lfaidata.foundation</a>

Youtube: <a href="https://www.youtube.com/channel/UCfasaeqX|BCA|MNO9HcHfbA">https://www.youtube.com/channel/UCfasaeqX|BCA|MNO9HcHfbA</a>

> LF AI Logos: <a href="https://github.com/lfaidata/artwork/tree/master/lfaidata">https://github.com/lfaidata/artwork/tree/master/lfaidata</a>

> LF AI Presentation Template:

https://drive.google.com/file/d/leiDNJvXCqSZHT4Zk -czASlz2GTBRZk2/view?usp=sharing

>

- Events Page on LF AI Website: <a href="https://lfaidata.foundation/events/">https://lfaidata.foundation/events/</a>
- Events Calendar on LF AI Wiki (subscribe available):
  <a href="https://wiki.lfaidata.foundation/pages/viewpage.action?pageId=12091544">https://wiki.lfaidata.foundation/pages/viewpage.action?pageId=12091544</a>
- > Event Wiki Pages: <a href="https://wiki.lfaidata.foundation/display/DL/LF+AI+Data+Foundation+Events">https://wiki.lfaidata.foundation/display/DL/LF+AI+Data+Foundation+Events</a>



## Agenda

- Roll Call (I min)
- > Welcome new General Member GSI Technologies (1 min)
- Approval of Minutes from May 20th (3 mins)
- Graduation Proposal (25 minutes)
  - Milvus (Jun Gu <jun.gu@zilliz.com>)
- Invited Presentation (15 minutes)
  - > KOSA.AI (Layla Li <layla@kosa.ai>, Sonali Sanghrakja <sonali@kosa.ai>)
- > Electing New TAC Chair (Jacqueline Cardoso) (5 minutes)
- > Badging for Projects (Andre de Waal, Mandy Chessell) (5 minutes)
- > Annual Project Review Schedule (Jim Spohrer) (2 minutes)
- > LF AI General Updates (I minutes)
- Open Discussion (I minutes)



TAC **Board Member Contact Person Email** Voting AT&T Anwar Atfab\* anwar@research.att.com Members Ti Zhou Baidu zhouti@baidu.com Ericsson Rani Yadav-Ranjan\* rani.yadav-ranjan@ericsson.com \* = still need huangzhipeng@huawei.com Huang Zhipeng Huawei backup specified on **IBM** Susan Malaika malaika@us.ibm.com wiki Nokia Jonne Soininen jonne.soininen@nokia.com OPPO Jimin Jia\* jiajimin@oppo.com SAS Nancy Rausch nancy.rausch@sas.com Tech Mahindra Amit Kumar Kumar Amit@techmahindra.com brucetao@tencent.com **Bruce Tao** Tencent Jun Gu\* Zilliz jun.gu@zilliz.com ZTE Wei Meng meng.wei2@zte.com.cn **Contact Person Graduate Project Email** Amit Kumar Kumar Amit@techmahindra.com Acumos Angel **Bruce Tao** brucetao@tencent.com Egeria Mandy Chessell mandy chessell@uk.ibm.com taddair@uber.com Travis Addair\* Horovod ONNX Jim Spohrer (Chair of TAC) spohrer@us.ibm.com TLFAI & [ Fritz Obermeyer\* fritz.obermeyer@gmail.com Pyro

### Welcome new member

LF AI & Data Member Company - General























precisely











## Approval of May 6th, 2021 Minutes

Draft minutes from the May 20<sup>th</sup> TAC call were previously distributed to the TAC members via the mailing list

### **Proposed Resolution:**

That the minutes of the May 20<sup>th</sup> meeting of the Technical Advisory Council of the LF AI & Data Foundation are hereby approved.



## Graduation Proposal - Milvus

Jun Gu (Zilliz) <jun.gu@zilliz.com>

**JLF**AI & DATA

### Project Graduation Proposal Review/Discussion/Vote: Milvus

Milvus is an open-source vector database built to power AI applications and embedding similarity search. Milvus makes unstructured data search more accessible, and provides a consistent user experience regardless of the deployment environment.

Milvus was released under the open-source Apache License 2.0 in October 2019.

**Presenter:** Jun Gu, Milvus Project Evangelist

#### **Resources:**

Github: <a href="https://github.com/milvus-io/milvus">https://github.com/milvus-io/milvus</a>

LF AI & Data website: <a href="https://lfaidata.foundation/projects/milvus/">https://lfaidata.foundation/projects/milvus/</a>

Project Level Request to TAC: Graduation



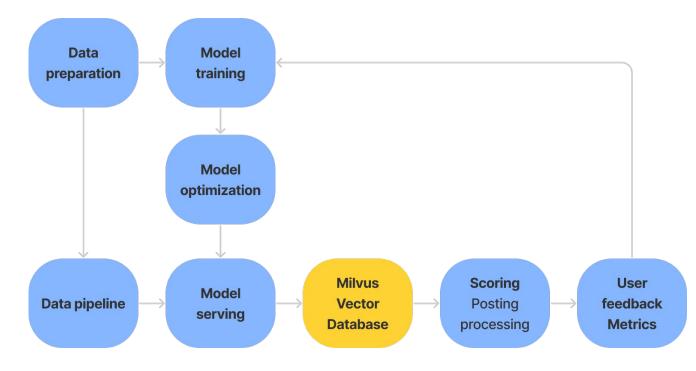
## Milvus Project: 2021 Update and Request for Graduation

Jun Gu, Milvus project evangelist

### Milvus Vector Database

### https://milvus.io

- The embedding serving infrastructure for production Al applications
- Common application scenarios:
  - Computer vision: Content based image retrieval system, etc
  - NLP: Chat bot, document semantic search, etc
  - Personalized recommender system
  - Computational chemistry: molecular analysis
  - o etc

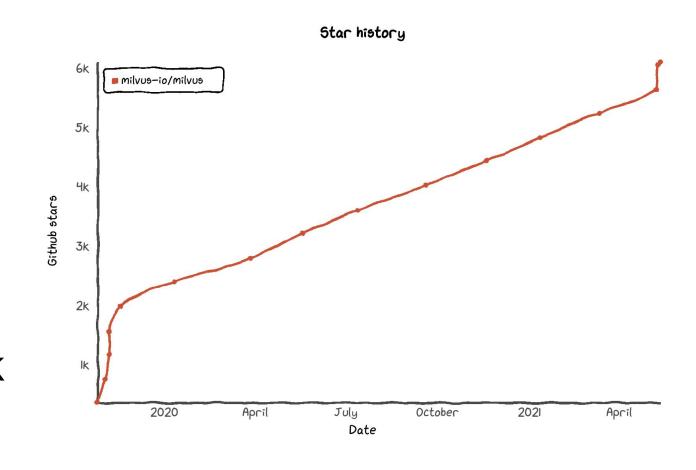


## The graduation requirements

- Have a healthy number of code contributions coming from at least five organizations.
- Have reached a minimum of 1000 stars on GitHub.
- Have achieved and maintained a Core Infrastructure Initiative Best Practices Gold Badge.
- Have demonstrated a substantial ongoing flow of commits and merged contributions for the past 12 months\*.
- Have completed at least one collaboration with another LF AI & Data hosted project.
- Have a technical lead appointed for the representation of the project on the LF AI & Data Technical Advisory Council.

## Milvus community (till May 12th, 2021)

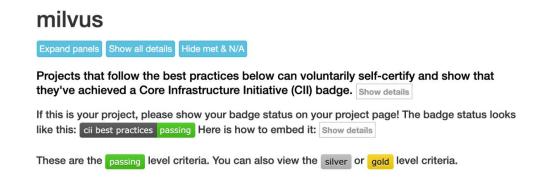
- Contributors: 137
  - Zilliz
  - Beike
  - o iQiyi
  - Yandex
  - Montage Tech
  - Arkie
  - 0 ...
- GitHub stars: 6.1K
- GitHub forks: 887
- Docker hub downloads: 320K
- Known community users: 2.3K
  - Slack: 700+
  - Wechat group: 1,700+



## **Best Practices Badge**

https://bestpractices.coreinfrastructure.org/en/projects/3563





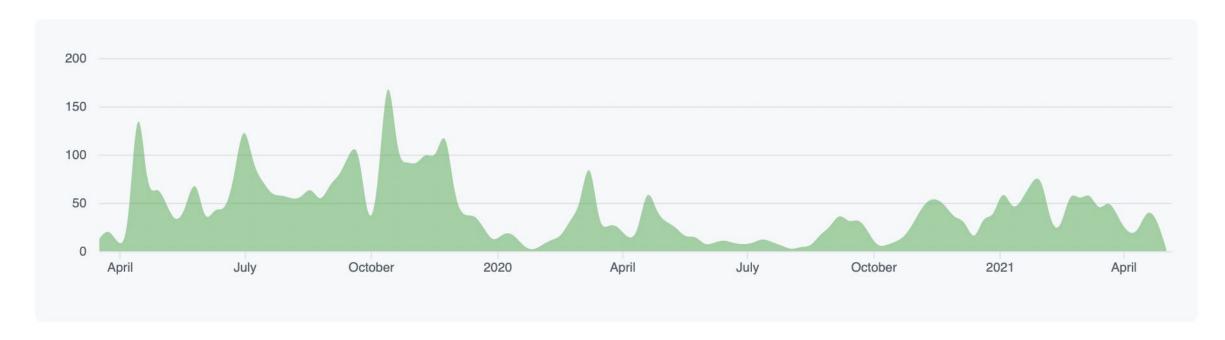


## **Commit History**

Mar 17, 2019 – May 6, 2021

Contributions: Commits ▼

Contributions to master, excluding merge commits and bot accounts



### Governance and Procedures

Contributors Guide

https://github.com/milvus-io/milvus/blob/master/CONTRIBUTING.md

Governance Information

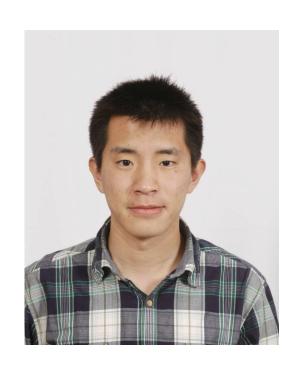
https://github.com/milvus-io/milvus/blob/master/COMMUNITY.md

## Milvus Project Leader

### Xiaofan, Luan

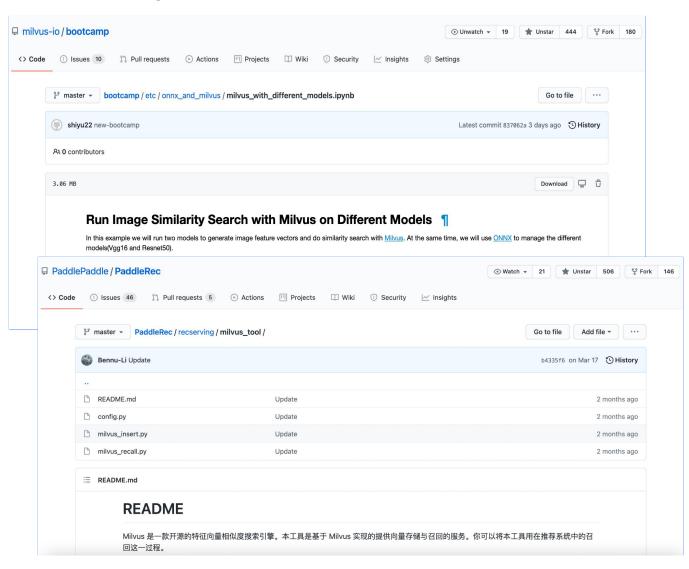
7 years working experience focused on open source database and big data system design. After graduation from Cornell university with a master degree, Xiaofan works for Oracle, Hedvig and Alibaba cloud. Xiaofan has built several distributed storage and database systems in public cloud.

Xiaofan is currently working at Zilliz as the head of engineering, in charge of R&D of Milvus open source project and the Zilliz cloud platform.



## Collaboration with LF AI & Data projects and members

- Adopted ONNX (graduated project) to manage deep learning models in the Milvus bootcamp applications
- Working with GSI Technology (general member) to support GSI APU processor in Milvus
- Working with Baidu (premier member) in multiple Paddlepaddle and EDL cases
- Initial discussion with Vulkan Kompute (sandbox project) about the integration



## 2021 Roadmap - Completed

- Adopted most popular ANNS algorithm libraries
- Supported near real time data injection
- Implemented the 1st sharding proxy
- Provided SDK for the most popular programming language
- Milvus 1.0 The first long-term support release

## 2021 Roadmap

- 6.30.2021 Milvus 2.0 Deliver Distributed Vector database
  - Fully managed Failure Recovery and service discovery
  - Support Vector search with scalar filtering/ point query
  - Support new orm-style apis
  - Tunable consistency
  - Grafana | Prometheus support
- 10.31.2021 Milvus 2.1 Deliver complete set of DML functions
  - Support deletes/updates
  - Support string/varbinary type
  - Segment Compaction implementation
  - Memory/Load based Balancer
  - K8s deployment support
  - Apache Spark/Flink Connector

## 2022 Roadmap

- 2.28.2022 Milvus 2.2 Cloud Native Vector database
  - Multi tenant support
  - QueryNode Group isolation
  - BulkLoad insert
  - Traffic Control/ back pressure
  - Distributed Tracing/Log Aggregation
  - Embedded milvus for data scientist
  - Kafka Support

## Long-term Roadmap

- Federated Queries by Spark/Presto
- Time Traverse
- Traffic Control/ back pressure
- Hot/Cold Data separation
- Performance boosting
- Incremental Backup
- Cost based Query Optimization
- On Disk vector Indexing
- Change Data capture
- Data Importer/Transformer

## **Executive Summary**

- The Milvus project meets all graduation criteria for LF AI & Data graduating projects
- We have been in incubation for 15 months and grew the project to become a strong player in the open source AI ecosystem
- The Milvus project has no requirements for any spending at this time
- We look forward to your positive vote to graduate the project

## TAC Vote on Project Graduation Proposal: Milvus

### **Proposed Resolution:**

The TAC approves the Milvus as an Graduation project of the LF AI & Data Foundation



## Next Steps

The Governing Board will review the Milvus deck during their January call and we will have an agenda item for the board to vote on the graduation.

After a positive vote, LF AI & Data staff will work with Milvus team to announce the graduation and project promotion



## Invited Presentation - KOSA.AII

Layla Li <layla@kosa.ai> Sonali Sanghrajka <sonali@kosa.ai>

**TLF**AI & DATA

# KOSA The world's first automated responsible AI system June 2021 Amsterdam, Netherlands/ Nairobi, Kenya

### **OUR TEAM**



### **Co-founder & CEO**

7+ years delivering crucial tech solutions at Tesla, Philips and other tech innovators

#### LAYLA LI



### **SONALI SANGHRAJKA**



### **Co-founder & CCO**

10+ of strategy and bd experience in market entry of products each worth ~\$500M















Artificial intelligence to deliver \$13 trillion economic activity by 2030, but 85% will generate false results due to bias in data or algorithm.

\*McKinsey, Gartner



## This problem costs hidden millions today

\$\$\$\$

### **30% Missed Revenue**

from affected customers in the year following a data misuse incident.\*

### **Increased Risks**

Risks of costly litigations in non-compliant

Al systems

### **3x Customer Trust**

put on ethics over competency when assessing companies' trustworthiness

### 1 in 6 Digital Talent Loss

because they won't help build potentially harmful products



## 2021 has been a big year in Al Governance



## Uber hit with default 'robo-firing' ruling after another EU labor rights GDPR challenge

The New York Times

Who Is Making Sure the A.I. Machines Aren't Racist?

When Google forced out two well-known artificial intelligence experts, a long-simmering research controversy burst into the open.



## **AINEWS**

EU regulation sets fines of €20M or up to 4% of turnover for AI misuse

MIT Technology Review

## This has just become a big week for Al regulation

The EU has unveiled its new Al rules—but an announcement from the FTC may have more teeth.



## Obstacles for each stakeholder





 Problems faced: Executives don't truly understand Al practices within their organizations



**Dev Team** 

- Current tool kit: Open-source libraries such as AIF360 or FairLearn (Lack of guidance and resources to get started)
- **Problem faced**: 36% data science teams cites management resistance as main barrier towards delivering business value\*



### **KOSA:** Optimizely for fairness-conscious AI/ML teams

A system that drives organizational change

#### KOSA answers 4 critical questions:

- What are the biases throughout my AI/ML process?
- How do we mitigate them?
- What can I gain from it?
- Why does my model make decisions the way it does?

#### **Executive** Teams

KOSA's ROI calculator helps quantify financial impact of AI bias.

### **Operations** Teams

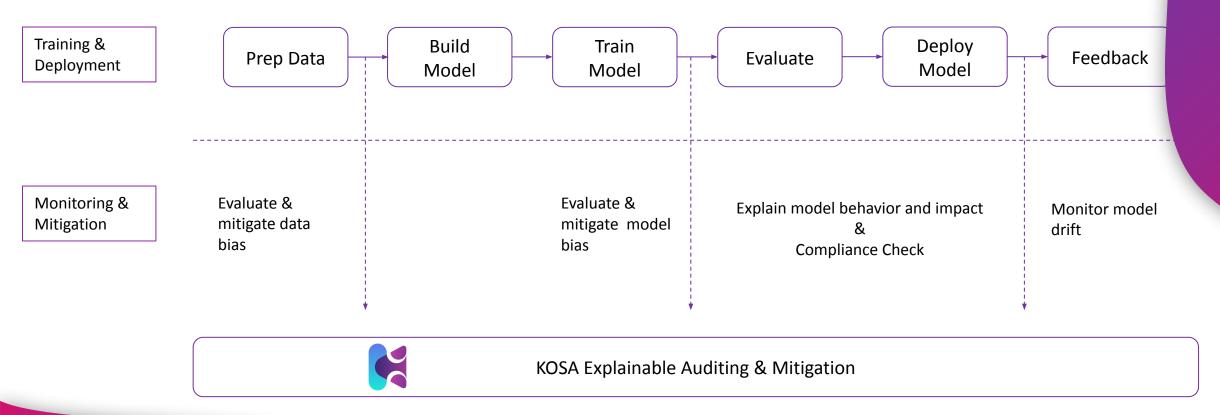
KOSA helps de-risk products from compliance and regulatory needs.

### AI/ML Teams

KOSA provides evaluation & mitigation solutions integrated with the system of choice.



### **KOSA IN ML WORKFLOW**



(Zero code integration and fully automated)



## **KOSA's Open-Source Commitment**

### **Research Partners**



The International Digital Health & AI
Research Collaborative
Partnership on fair AI definition research



Know Center: Research Center for Data-Driven Business & Big Data Analytics Partnership on ethical AI research

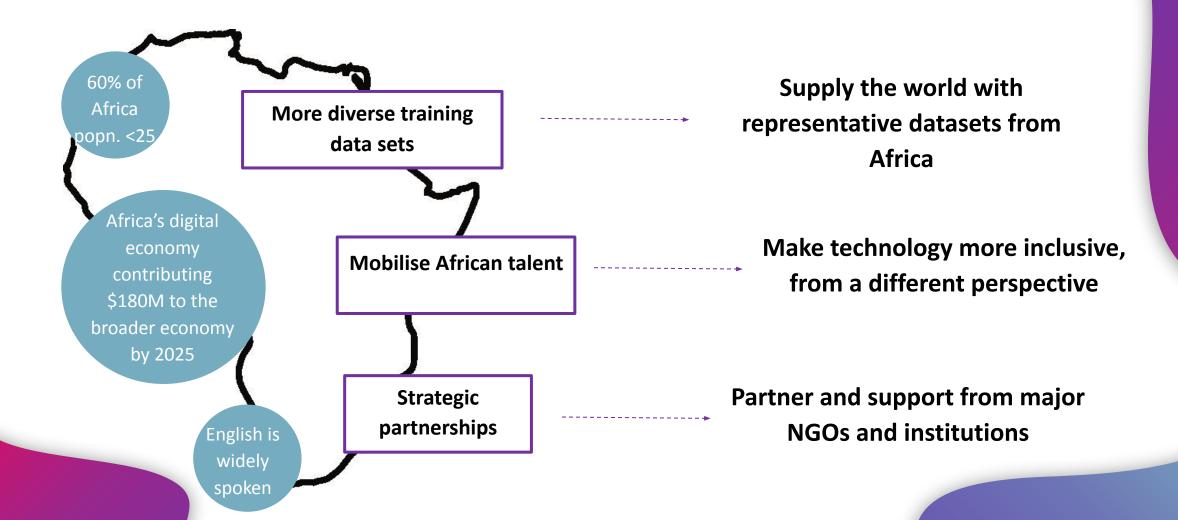


Africa Health Business
Partner on African digital healthcare collaboration



**University of Massachusetts Amherst** Research collaboration on AI bias mitigation

### **KOSA IN AFRICA**





#### **Current Focus and Development**

#### **Pricing Model**

- -Free: Our open-source research, limited usage and functionalities of our software available
- -Pro: \$6250/m based on typical data usage & # of models
- -Enterprises: Custom solutions

#### **Segment Focus**

- -Healthcare
- -Financial Services
- -Government

(1000+ employees and tech mature companies in EU, mostly in regulated industries)

#### **Expansion**

- Tech roadmap: from supervised learning to Computer vision to NLP
- Industry expansion: HR, automotives











## **THANK YOU!**

Contact info:

Layla LI:

E: layla<u>@kosa.ai</u> M: +31 0620314550

Sonali Sanghrajka: E: sonali@kosa.ai

M: +254 722 518 410

Request a demo at: KOSA.ai

# LF Al & Data - TAC Election Jacqueline Cardoso (LF)

**TLF**AI & DATA

## **Upcoming TAC Chairperson Election**

As announced during today's TAC meeting, there will be an opening for the **LFAI & Data Foundation TAC Chairperson**; the role will be effective through 2021. Eligible voting members are listed on the TAC wiki here. Please review the following election timeline:

- > Nomination period start: May 27th, nominations should include a short bio + statement of intent
- Nomination period end: June 3rd, 5pm ET
- > Voting period start: June 7th, LF to send slate of respective nominees and voting instructions to TAC Voting Members
- Voting period end: June 14th, 5pm ET
- > Election winner announced: June 15th

Please begin to think about your participation and if you are interested in nominating yourself or another TAC voting member. **Information about** the role:

- General TAC and Chairperson details can be viewed within the LFAI & Data Charter under section 7 here A summary of the role:
- > Represent the TAC as a voting member on the Governing Board (will attend monthly meeting)
- > Lead TAC agenda and meetings with coordination among the TAC representatives and broader community
- > Attend sync meetings with LF AI & Data staff to discuss overall TAC activities and planning
- General representation of the TAC and the LF AI & Data technical community



## LF Al & Data - Badging for Projects

Andre de Waal (OpenDS4All) Mandy Chessell (Egeria)

**TILF** AI & DATA





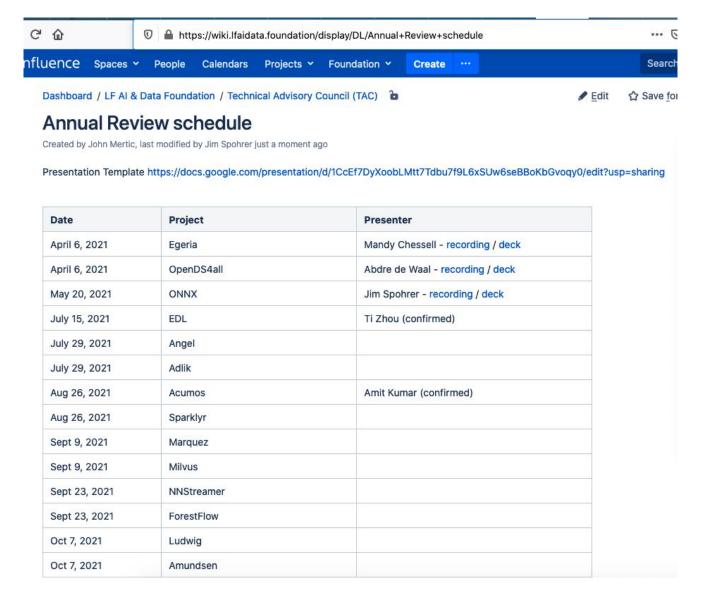
#### Goal: Reward contributions!

- OpenDS4All Technical Steering Committee badge
- Be an active member of the TSC for at least 1 year
- OpenDS4AII Contributor badge
- Contributing expertise as an instructor to a workshop, bootcamp
- Contributing expertise as an advocant (such as speaker at conferences, workshops, panels)
- Create a module (Powerpoint slide deck)
- Create a module (Jupyter Notebook)
- Create a use case (Markdown file and Jupyter Notebook)
- Translate a module to another language (Spanish, French, German etc.)
- Translate a Jupyter Notebook from Python to R
- Record a module or part of a module
- Substantial edits and/or contributions to existing content

NB! The OpenDS4All Technical Steering Committee will evaluate the recipient's contribution and approve/disapprove whether a badge will be issued or not

## LF Al & Data - Annual Project Reviews Jim Spohrer (TAC), John Mertic (LF)





Oct 21, 2021	Al Fairness 360  Al Explainability 360  Adversarial Robustness Toolbox	
Oct 21, 2021		
Oct 21, 2021		
Nov 4, 2021	Horovod	
Nov 4, 2021	FEAST	
Nov 18, 2021	SOAJS	
Nov 18, 2021	Delta	
Dec 2, 2021	DataPractices.org	
Dec 2, 2021	JanusGraph	
Dec 16, 2021	Pyro	
Jan 6, 2021	Datashim	
Jan 6, 2022	Flyte	
Jan 20, 2022	RosaeNLG	
Jan 20, 2022	SubstraFramework	
	MLX	
	VulcanKompute	

Schedule: https://wiki.lfaidata.foundation/display/DL/Annual+Review+schedule



## **Upcoming TAC Meetings**



## Upcoming TAC Meetings (Tentative)

- June 17: GSI invited presentation, Saishruthi Swaminathan (MLOps Committee proposal)
- July 1: Canceled Holiday
- July 15: TonY (LinkedIn), EDL Annual Update
- July 29: Angel and Adlik Annual Update
- Aug 12: TBD KServe and STREAMS (IBM) tentative
- Aug 26: Acumos, SparklyR Annual Update
- > Sept 9: TBD
- Setp 23: NNStreamer, ForestFlow Annual Update
- Oct 7: Ludwig, Amundsen Annual Update

Please send agenda topic requests to tac-general@lists.lfaidata.foundation



## TAC Meeting Details

- To subscribe to the TAC Group Calendar, visit the wiki: https://wiki.lfaidata.foundation/x/cQB2
- Join from PC, Mac, Linux, iOS or Android: <a href="https://zoom.us/j/430697670">https://zoom.us/j/430697670</a>
- Or iPhone one-tap:
  - US: +16465588656,,430697670# or +16699006833,,430697670#
- Or Telephone:
  - Dial(for higher quality, dial a number based on your current location):
  - US: +1 646 558 8656 or +1 669 900 6833 or +1 855 880 1246 (Toll Free) or +1 877 369 0926 (Toll Free)
- Meeting ID: 430 697 670
- International numbers available: <a href="https://zoom.us/u/achYtcw7uN">https://zoom.us/u/achYtcw7uN</a>



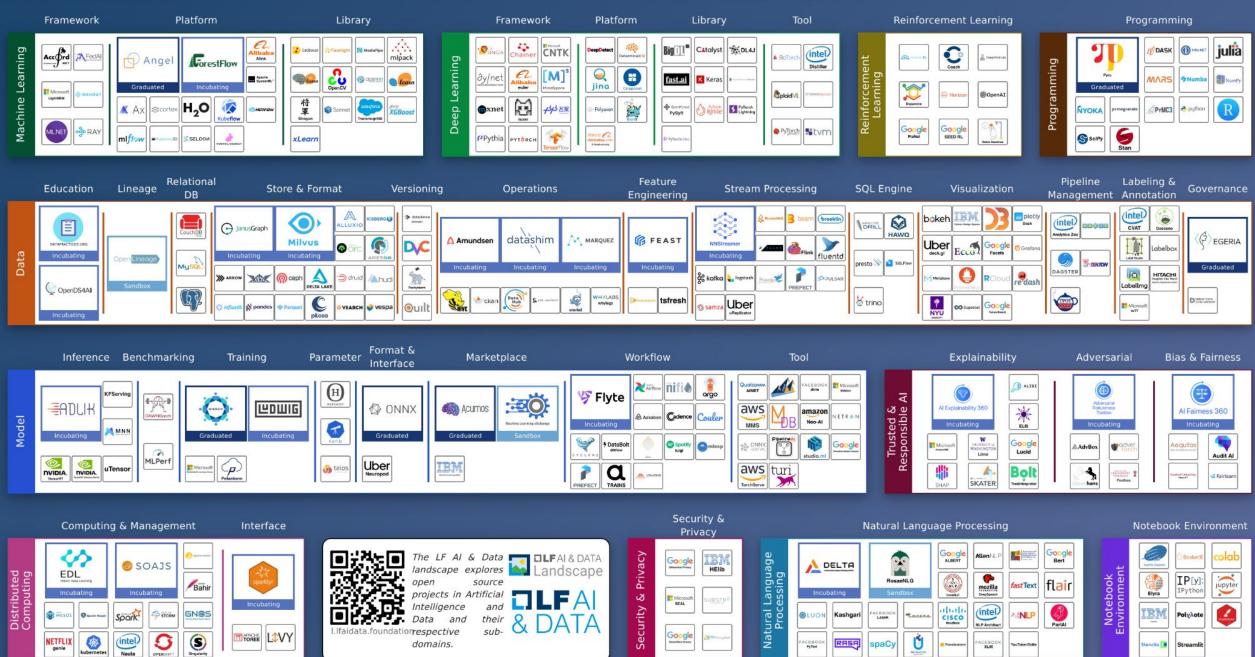
## LF Al & Data - General Updates

**ILF**AI & DATA

#### Linux Foundation AI & Data Landscape 2021-05-31T06:16:56Z b4698f9

#### See the interactive landscape at I.Ifaidata.foundation







#### 2020 TAC Meetings Summary

Jan Feb Mar	16: Milvus (Zilliz)*	13: MLOps Work (LF CD) 27: Collective Knowledge (Coral Reef)	12: NNStreamer (Samsung)* 26: ForestFlow (?)*
Apr	9: Trusted AI & ML Workflow (LF)	7: Ludwig (Uber)*	4: Trusted AI (AI for Good, Ambianic.ai, MAIEI)
May Jun s⊈	23: Open Data Hub (Red Hat)	21: SnapML (IBM)	18: Fairness, Explainability, Robustness (IBM)*
Jul Aug Sep	<i>16: Mindspore (Huawei)</i> 30: Amundsen (Lyft)*	16: Delta (Didi) <b>16: Horovod (Uber/LF)**</b> 30: ModelDB (?) 30: Egeria, OpenDS4AII, BI&AI (LF ODPi)	10: SOAJS (HeronTech)* 10: Delta (Didi)* 24: FEAST (Gojek)* 24: Egeria, (LF ODPi)** 24: OpenDS4All (ODPi)* 24: BI&Al Committee (ODPi)
Oct Nov Dec	8: Fairness, Explainability, Robustness (LF) 22: OpenLineage (DataKins) 22: IDA (IBM/Salesforce)	5: DataPractices.Org (WorldData/LF)* 5: Kubeflow-On-Prem (Google,Arrikto/Intel)  19: OpenDS4All, DataPractices.Org, edX Ethical Al (LF)	3: TBD - JanusGraph (LF)* 3: TBD - RosaeGL (?)  17: TBD – Seldon Core (Seldon)*  17: TBD – Pyro (Uber/LF)**

(Entity)\* = incubating vote

\*\* bold = graduate vote

Italics = invited project presentation

#### 2021 TAC Meetings Pipeline Summary

Jan Feb Mar	14: Datashim(IBM)* 28: Project Lifecycle Stages vote Invited talks Sedna & CIM	11: Invited talks Egeria CI & Mentorships 25: Flyte (Lyft) *	11: RosaeNLG () Sandbox Proposal Invited talk Elyra-Al (IBM) 25: Substra Framework (Substra)*
Apr May Jun st	8: Invited talk JINA AI 22: Egeria & OpenDS4All - project update	6: ML eXchange (MLX) (IBM) Sandbox Vulcan Kompute () Sandbox 20: OpenLineage (Datakin) Sandbox	3: KOSA.ai 17: GSI
Months Ju Sep Sep	1: Canceled for holiday 15: TonY (Linkedin)	5: TBD - Project updates 19: TBD - Project updates	?: Open Data Hub (Red Hat) ? Ray (Anyscale.io) ?: Pachyderm (Pachyderm) ?: DataHub (LinkedIn) ?: Kubeflow-On-Prem (Google, Arrikto, Intel)
Oct Nov Dec	<ul><li>?: Vespa (Verizon Media)</li><li>?: KubeflowServing (Google, Arrikto, Seldon)</li><li>?: Kubeflow Pipeline (Google, Bloomberg)</li><li>?: Common Knowledge (Code Reef)</li><li>?: Couler (Ant Financial)</li></ul>	?: Snorkle (Snorkle) ?: Plotly (DASH) ?: Mellody (Substra) ?: mloperator (Polyaxen) ?: SnapML (IBM)	?: PMML/PFA (DMG.org) ?: Mindspore, Volcano (Huawei) ?: TransmorgrifAl (Salesforce) ?: AIMET (Qualcomm) ?: Elyra-Al (IBM)

(Entity)\* = incubating vote

\*\* bold = graduate vote

Italics = invited project presentation

## Getting to know the projects more



## Active and growing developer community

Cumm. Jan 1- Dec 31, 2020 vs. Jan 1, 2020 to Apr 2, 2021

8.92K

Contributors

34.65K

PRs/Changesets

100.03K

Commits

22.54K

Total issues

358

Repositories

2.08K

Slack messages

+7.25%

+7.21%

+11.03%

+5.19%

+3.07%

+68.75%

9.61K

Contributors

37.15K

PRs/Changesets

111.07K

Commits

23.71K

Total issues

369

Repositories

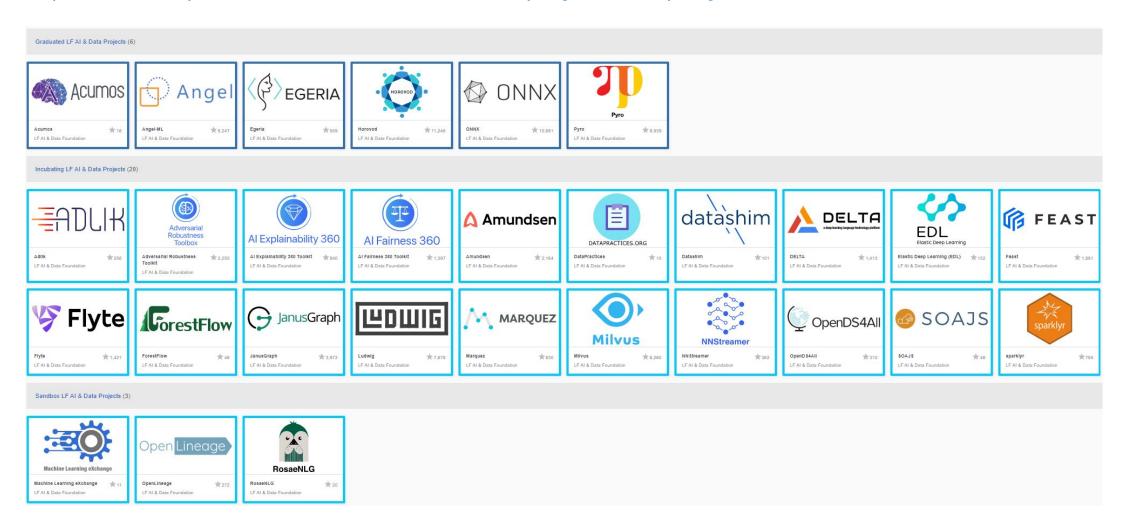
3.51K

Slack messages



## **Projects**

https://landscape.lfai.foundation/card-mode?project=company

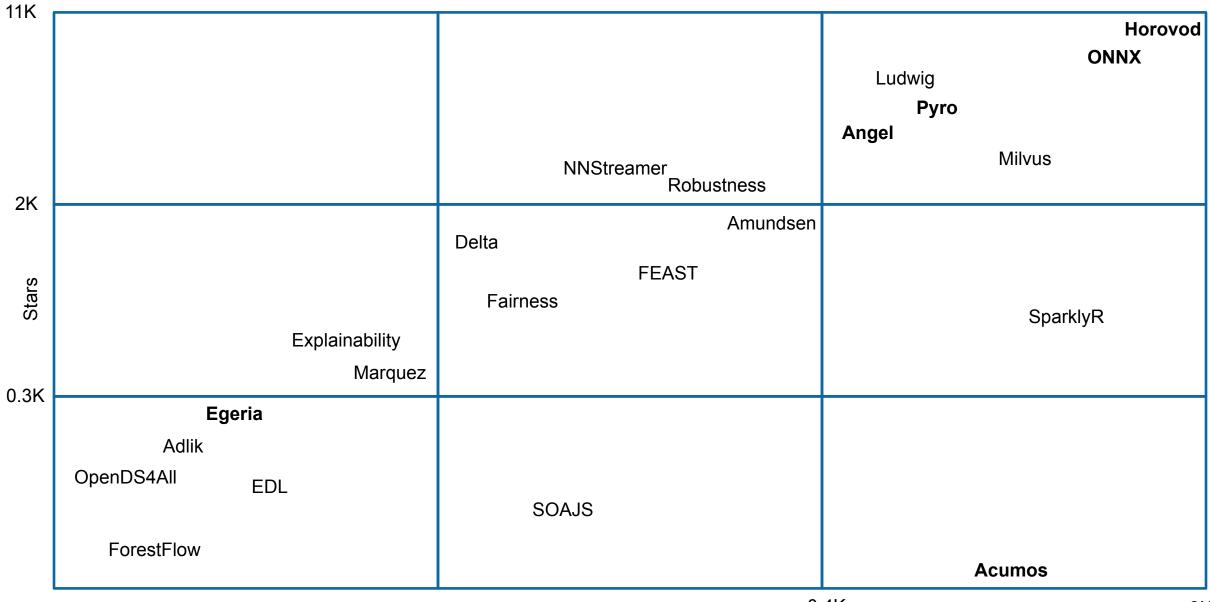


<sup>\*</sup> Missing Substra Framework (pending logo redesign)

## New projects in 2021

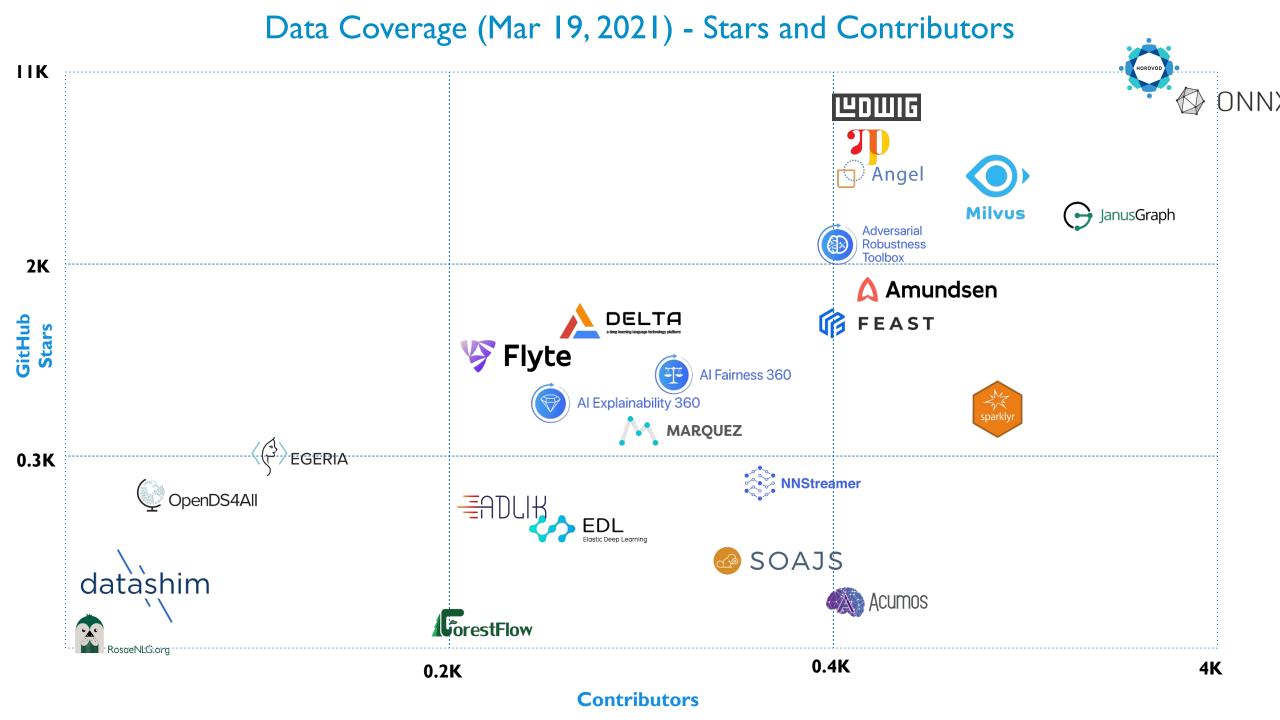
- → Track incoming proposals via: <a href="https://github.com/lfai/proposing-projects">https://github.com/lfai/proposing-projects</a>
- 1. **Datashim:** Open source enablement and acceleration of data access for Kubernetes/Openshift workloads in a transparent and declarative way
- 2. **Flyte:** Production-grade, declarative, structured and highly scalable cloud-native workflow orchestration platform
- 3. **RosaeNLG:** Open source project, template-based Natural Language Generation (NLG) automating the production of relatively repetitive texts based on structured input data and textual templates, run by a NLG engine
- 4. **Substra Framework:** Low-layer framework, offering secure, traceable, distributed orchestration of machine learning tasks among partners.
- 5. ML exchange: Data and Al Assets Catalog and Execution Engine
- 6. Kompute: Blazing fast, mobile-enabled, asynchronous, and optimized for advanced GPU processing usecases.
- 7. **Open Lineage:** Open standard for metadata and lineage collection designed to instrument jobs as they are running

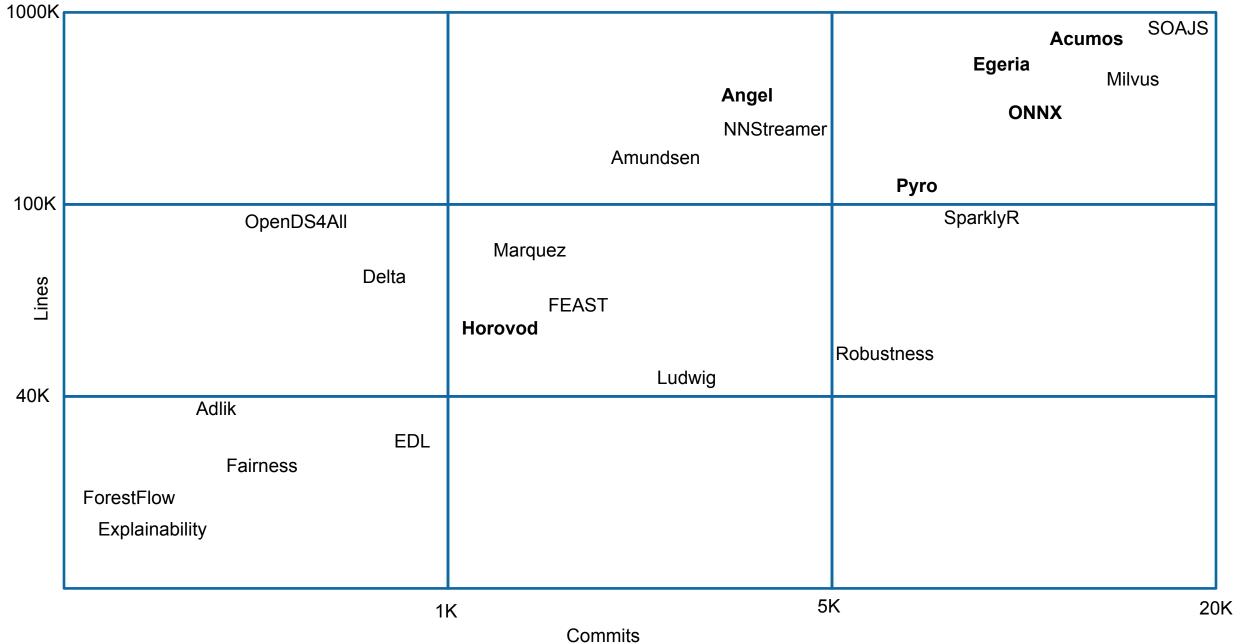




0.2K 0.4K 3K

Contributors





#### Data Coverage (Mar 19, 2021) - Line of Code and Commits



**Commits** 

## Looking to host a project with LFAI & Data

- Hosted project stages and life cycle: https://lfaidata.foundation/project-stages-and-lifecycle/
- Offered services for hosted projects: https://lfaidata.foundation/services-for-projects/
- Contact: Jim Spohrer (TAC Chair) and Ibrahim Haddad (ED, LF AI & Data)

## Promoting Upcoming Project Releases

We promote project releases via a blog post and on LFAI & Data Twitter and/or LinkedIn social channels

For links to details on upcoming releases for LFAI & Data hosted projects visit the Technical Project Releases wiki

If you are an LFAI & Data hosted project and would like LFAI & Data to promote your release, reach out to pr@lfai.foundation to coordinate in advance (min 2 wks) of your expected release date.

## Note on quorum

As LF AI & Data is growing, we now have 18 voting members on the TAC.

TAC representative - please ensure you attend the bi-weekly calls or email Jacqueline/Ibrahim to designate an alternate representative when you can not make it.

We need to ensure quorum on the calls especially when we have items to vote on.



## Updates from Outreach Committee

**ILF**AI & DATA

#### **Recent Announcements**

- 1. Flyte 0.13.0 Release Now Available, May 10
- 2. Data Intelligence Al-based Automation, May 12
- Trusted AI Principles RREPEATS Practical Examples Review, May 13
- 4. Milvus I.I Release Now Available, May 17
- What You Cannot Miss in Any Al Implementation: Fairness, May 19
- 6. LF AI & Data Day EU Virtual June 10, 2021

#### **Upcoming Announcements**

- I. LF AI & Data Day EU, 10 June
- LF AI & Data Mini Summit at Open Source Summit Sept 27 – 30, 2021 (Seattle, Washington)
- 3. LF AI & Data Booth at Open Source Summit Sept 27 30, 2021 (Seattle, Washington)
- The Trusted AI Principles Tools and Techniques, 15 sept. 2021
- 5. LF AI & Data Booth at OSS, Tokyo, Winter 2021
- 6. LF AI & Data New Member Welcome 2021 Q2

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## **Upcoming Events**

- Upcoming Events
  - > Visit the LF Al & Data Events Calendar or the LF Al & Data 2021 Events wiki for a list of all events
  - To participate visit the LFAI & Data 2021 Events wiki page or email info@lfaidata.foundation

> Please consider holding virtual events

To discuss participation, please email events@lfaidata.foundation



## **Upcoming Events**

https://lfaidata.foundation/events/

- OSS Global (hybrid) Seattle, WA, USA Sept 27-30 Event Website
  - a. Mini-Summit, Booth, Track

#### LF AI PR/Comms

- Please follow LF AI & Data on <u>Twitter</u> & <u>LinkedIn</u> and help amplify news via your social networks - Please retweet and share!
  - > Also watch for news updates via the tac-general mail list
  - View recent announcement on the LFAI & Data Blog

Open call to publish project/committee updates or other relevant content on the LF AI & Data Blog

To discuss more details on participation or upcoming announcements, please email pr@lfaidata.foundation



## Call to Participate in Ongoing Efforts

**TLF**AI & DATA

#### Trusted Al

#### Leadership:

Animesh Singh (IBM), Souad Ouali (Orange), and Jeff Cao (Tencent)

- Goal: Create policies, guidelines, tooling and use cases by industry
- Slack conversation channel: #trusted-ai-committee https://lfaifoundation.slack.com/archives/CPS6Q1E8G
- Github: https://github.com/lfai/trusted-ai
- Wiki: https://wiki.lfai.foundation/display/DL/Trusted+Al+Committee
- **Email lists:**<a href="https://lists.lfaidata.foundation/g/trustedai-committee/">https://lists.lfaidata.foundation/g/trustedai-committee/</a>
- Next call: Monthly alternating times https://wiki.lfai.foundation/pages/viewpage.action?pageId=12091895

## ML Workflow & Interop

- Leadership: Huang "Howard" Zhipeng (Huawei)
- > Goal:
  Define an MI Workflow and promote cre
  - Define an ML Workflow and promote cross project integration
- Slack conversation channel: #ml-workflow https://lfaifoundation.slack.com/archives/C011V9VSMQR
- Wiki: https://wiki.lfaidata.foundation/pages/viewpage.action?pageId=10518537
- **Email lists:**<a href="https://lists.lfaidata.foundation/g/mlworkflow-committee">https://lists.lfaidata.foundation/g/mlworkflow-committee</a>
- Next call: Monthly check calendar/slack https://wiki.lfai.foundation/pages/viewpage.action?pageId=18481242



#### BI & AI

- Leadership:
  - Cupid Chan (Index Analytics)
- Goal: Identify and share industry best practices that combine the speed of machine learning with human insights to create a new business intelligence and better strategic direction for your organization.
- Slack conversations channel:

#bi-ai-committee

https://lfaifoundation.slack.com/archives/C01EK5ND073

Github:

https://github.com/odpi/bi-ai

Wiki:

https://wiki.lfaidata.foundation/pages/viewpage.action?pageId=35160417

**Email lists:** 

https://lists.lfaidata.foundation/g/biai-discussion

**Next call:** Monthly community call TBD



## Ongoing effort to create Al Ethics Training

Initial developed course by the LF: Ethics in AI and Big Data - published on edX platform:

https://www.edx.org/course/ethics-in-ai-a nd-big-data

The goal is to build 2 more modules and package all 3 as a professional certificate a requirement for edX

To participate:

https://lists.lfaidata.foundation/g/ aiethics-training



## Open Discussion

**TLF**AI & DATA

#### Mission

To build and support an open community and a growing ecosystem of open source Al, data and analytics projects, by accelerating innovation, enabling collaboration and the creation of new opportunities for all the members of the community



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