

**LF AI Foundation Technical Advisory Council (TAC) Meeting Minutes**  
**August 12th, 2021 (6:00am - 7:00am PT)**  
**via Zoom**

TAC Meetings are bi-weekly and open to all in the LF AI & Data community and visitors as well

Need 10 of 19 voting members in attendance for quorum (50%) requirement for voting

Member Company	TAC Voting Rep	Attendance
AT&T	Anwar Aftab	
Baidu	Ti Zhou	b Yes
Ericsson	Rani Yadav-Ranjan	b
Huawei	Huang Zhipeng	b Yes
IBM	Susan Malaika	Yes
Nokia	Jonne Soininen	
OPPO	Jimin Jia	b
SAS	*Nancy Rausch	Yes
Tech Mahindra	Amit Kumar	Yes
Tencent	Bruce Tao	
Zilliz	Jun Gu	b Yes
ZTE	Wei Meng	
Acumos AI Project	Amit Kumar	Yes
Angel Project	Bruce Tao	
Egeria Project	Mandy Chessell	Yes
Horovod Project	Travis Addair	b
Milvus Project	Xiaofan Luan	Yes
ONNX Project	Jim Spohrer	Yes
Pyro Project	Fritz Obermeyer	b Yes

\*Chairperson

b = Need backups:

Aftab, Yadav-Ranjan, Zhipeng, Xi, Soininen, Gu, Addair, Obermeyer,

Please designate a backup for when cannot make the TAC meeting

See table here with backups listed for most TAC members

: <https://wiki.lfaidata.foundation/pages/viewpage.action?pagelid=7733341>

Many thanks for your help when you have a chance.

**LF Attendees:** Ibrahim Haddad, Jacqueline Cordoso

**Presenters:**

**CONFIRMED:** Kedro project – New project Yetunde Dada <yetudada@gmail.com>

Attendees (7 voting members)

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**Guests During 2021:** 80282263 (1), Aarush Kumar (1), Alejandro Saucedo (4), Alexander Eisenberger (1), Anand (1), Andre de Waal (11), Arun Nair (1), Camille Marini (1), chad serino (2), Charlotte Hu (1), Clément Mayer (1), Dan Mennell (2), David C Martin (5), Drew Butler (1), Eric Ball (LF) (1), Eric Boniface (Substra) (1), Felix Wang (1), Fionn Delahony (1), George Snelling (1), Gleb Knerov (1), Han Ziao (1), honnix (1), huaxioman(1), katrina (1), Han Xiao/Jina (2), Ivelin Ivanov (2), Jamil Chawki(2), Jérôme Chambost (1), Joan Martinez (1), Joaquin Digrazia (LF) (1), Justin DiGrazia (Salesforce) (1), Karen Ottoni (1), Kevin Wang (1), Ludan Stoeckle – BNP Paribas CIB (1), Luis Quintanilla (MSFT) (1), Ly (1), Mathieu Galtier (1), Maximilian Werk (1), Nan Wang (1), Nathanael (1), nelson (1), Nigel Jones (5), Ofer Hermoni (9), ouzhenguang (1), Patrick McGarry (2), Perishan Wu (1), Philippe Dooze (Orange), Rita Xu (1), Ron Doyle (5), Shamim Reza Sohag (6), , Susana Guzman (1), Thor Chin (10), Tommy Li (1), Tsahi Levy (1), Vishnu - @Vishne Ram(6), Volkan Gurel (1), Willy (1), Yiannis Gkoufas (5), Yitao Li, yongxuan zhang (1), Youkim Badr (1), ytong (1).

**Agenda:**

Roll Call (2 min)

Approval of Minutes from July 15 (2 mins) – not completed, still need quorum

Approval of Minutes from July 29 (2 mins) – not completed, still need quorum

Approval of Minutes from August 12 (2 mins) – not completed, still need quorum

Presentations on new project Kedro (40 minutes)

LF AI General Updates (2 minutes)

Open Discussion (2 minutes)

**Minutes – July 17th, 2021 – Quorum not achieved, will defer to next meeting**

First motion: Mandy Chessel

Second motion: Xiaofan Luan

Motion passed

**Minutes – July 29th, 2021– Quorum not achieved, will defer to next meeting**

First motion: Mandy Chessel

Second motion: Xiaofan Luan

Motion passed

**Minutes – August 12th, 2021– Quorum not achieved, will defer to next meeting**

First motion: Jun Gu

Second motion: Mandy Chessel

Motion passed

**Kedro acceptance into Incubation for LF AI**

First motion: Mandy Chessel

Second motion: Susan Malaika

Motion passed

### **Note on Quorum**

As LF AI is growing, we now have 19 voting members on the TAC. 10 needed for quorum. TAC representative - please ensure you attend the bi-weekly calls or email Jacqueline/Ibrahim to designate an alternate representative when you cannot make it. We need to ensure quorum on the calls especially when we have items to vote on.

### **Upcoming TACs**

Sept 9: Acumos, Marquez annual reviews; LF Outreach Committee monthly update  
Setp 23: NNNStreamer, ForestFlow Annual Update  
Oct 7: Ludwig, Amundsen Annual Update

### **Upcoming Events**

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

### **Reminders to TAC Chair:**

Get backups for TAC members  
Send invitation to TAC members who do not have TAC call on their calendar

### **Chat:**

00:11:34 Lim Hoang: I have a section at the end where I would like to share my screen as well.

00:17:28 LF AI & Data Foundation: Lim Hoang very good will give you access at the end

00:17:35 LF AI & Data Foundation: is this other business, or what is the topic?

00:17:52 Yetunde Dada: This is for the demo of Kedro.

00:18:04 Lim Hoang: I'm part of the Kedro team. I would like to walk through a demo of the Kedro frontend

00:19:02 LF AI & Data Foundation: Very good, thanks

00:25:27 Jim Spohrer (ISSIP): Question for Pedro team: Is there any relationship between Kedro and Collective Knowledge (Grigori Fursin, also presented on LF AI & Data TAC in the past). CK = [https://en.wikipedia.org/wiki/Collective\\_Knowledge\\_\(software\)](https://en.wikipedia.org/wiki/Collective_Knowledge_(software))

00:25:31 Jim Spohrer (ISSIP): Kedro

00:27:21 Amit K TechM: I do see overlaps with the things done under Acumos program like ML Model catalog, Ni-Fi pipeline integration, ML workbench, jupyter integration etc. how it is going to compliment, rather than compete.

00:29:27 LF AI & Data Foundation: Is the yaml file format for data connectivity configuration something that you have collaborated on with other open source projects (such as Great Expectations for example)?

00:30:12 Jim Spohrer (ISSIP): Kedro team: Also, ML Exchange (sandbox project, lead by Christian Kadner (IBM) - I believe) would be a good synergy project for potential collaborations to explore

00:31:05 Lim Hoang: Specifically regarding Great Expectations: we predate GE but found out that it works very well together. The YAML syntax of both are nicely managed in the

same consistent way with Kedro configuration. I did a talk at PyCon EU this year on this integration (+Airflow)

00:35:05 LF AI & Data Foundation: This is very helpful slide thank you for pulling this information together.

00:36:25 Ivan Danov: @Jim: re: CK - not really, although we've met once when Grigori presented CK at McKinsey London. As far as I remember CK was more focused on orchestrating self-contained scripts (or at least that was my understanding from his talk back then)

00:38:45 LF AI & Data Foundation: Will the sharing pipeline feature include an export/import feature?

00:38:48 Jim Spohrer (ISSIP): Thanks @Ivan - re CK answer

00:40:50 Joel Schwarzmann: sharing pipeline feature is the same thing as the export/import feature

00:41:36 Yetunde Dada: It already does, the CLI commands allow you to pull and push code to and from your Kedro project. We're just improving this workflow.

00:42:16 LF AI & Data Foundation: How do you keep the pipeline up to date? Are you using an eventing process?

00:42:41 LF AI & Data Foundation: Also, what do you use for version storage, your own backend or something like git or a database?

00:43:05 Joel Schwarzmann: Re versioning - it's a filesystem abstraction, but you can use Kedro-dolt to use a database

00:43:32 Ivan Danov: @Amit K: re Ni-Fi and etc, there's probably some overlap between many of the tools in the space, but we really haven't found a data pipeline development framework approach where the orchestrating and scheduling of the pipeline isn't also conflated with it. This was not feasible for us at QuantumBlack, since we had to be prepared to work with any orchestrators already in use at our clients and that's why we built Kedro.

00:46:00 Ivan Danov: @Amit K: re the competing with those tools, we don't have any plans to enter the space of orchestrators atm and we'd rather look for collaborations instead of compete with the other tools in that space. We are mainly focused in the data pipeline development stage and the easy transition to production, so we'd like to leave the running in production to other tools.

00:47:28 LF AI & Data Foundation: Curious what metadata you have found useful to expose for people to understand which models to choose or leverage in the pipeline?

00:47:57 LF AI & Data Foundation: There is another open source project in the works where this is coming up as a need.

00:51:05 Jim Spohrer (ISSIP): +1, many Kedro collaboration opportunities in LF AI & Data projects - such as Acumos, Egeria, ML Exchange, OpenLineage, etc.

00:51:12 Amit K TechM: @ivan: Request to look at Acumos project. It is not about tools, but how to bring things together. Acumos integrates with these tools. Would be interested to see & discuss E2E view and collaboration areas.

00:55:00 Ivan Danov: @Amit K: will look into it, thanks for sharing!

00:57:17 Joel Schwarzmann: Thank you

00:57:36 Ivan Danov: Thank you for the great questions!

01:03:25 Amit K TechM: would like to see the collaboration aspects, specially since there is some work already done in projects

01:05:34 Yetunde Dada: Thank you so much!

01:05:35 Ibrahim Haddad: Thank you Kedro team and everyone for joining

01:05:49 Ivan Danov: Thank you all for joining!

## **LF AI & Data General Updates**

Contact: Nancy Rausch (TAC Chair) and Ibrahim Haddad (ED, LF AI) to present

Project Updates

LF AI & Data Landscape reviewed

List of current projects noted, available here:

<https://landscape.lfaidata.foundation/format=card-mode>

Growing developer community

List of companies hosting projects in LF AI & Data

How to host a project in LF AI & 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/>

Upcoming Releases

For links to details on upcoming releases for LF AI & Data hosted projects visit the

Technical Project Releases wiki

Project releases will be announced via a blog post and promoted on LF

Project Graduation Opportunities: TBD

## **AI Twitter and/or LinkedIn social channels**

If you are an LF AI hosted project and would like LF AI to promote your release, reach out to [pr@lfaidata.foundation](mailto:pr@lfaidata.foundation) to coordinate in advance (min 2 wks) of your expected release date.

Please email [pr@lfaidata.foundation](mailto:pr@lfaidata.foundation) for more details and/or questions.

## **GB Committees: Outreach Committee Updates**

LF AI Events

Upcoming Events

Visit the LF AI Events Calendar or the LF AI 2020 Events wiki for a list of all events

To participate visit the LF AI 2020 Events wiki page or email [info@lfaidata.foundation](mailto:info@lfaidata.foundation)

Please consider holding virtual events

To discuss participation, please email [events@lfaidata.foundation](mailto:events@lfaidata.foundation)

Upcoming Events - <https://lfaidata.foundation/events/>

PR/Comms Updates

Please follow LF AI & Data on Twitter & LinkedIn 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 LF AI & 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](mailto:pr@lfaidata.foundation)

Questions on participation details or upcoming announcements? Email [pr@lfaidata.foundation](mailto:pr@lfaidata.foundation)

## **TAC Committees: Call to Participate in Ongoing TAC Committee Efforts**

### ML Workflow and InterOp

Slack conversation channel: #ml-workflow

<https://lfaifoundation.slack.com/archives/C011V9VSMQR>

Wiki: <https://wiki.lfaidata.foundation/display/DL/ML+Workflow+Committee>

To participate by email: <https://lists.lfaidata.foundation/g/mlworkflow-committee>

### Trusted AI Committee

Slack conversation channel: #trusted-ai-committee

<https://lfaifoundation.slack.com/archives/CPS6Q1E8G>

Wiki: <https://wiki.lfaidata.foundation/display/DL/Trusted+AI+Committee>

To participate by email: <https://lists.lfaidata.foundation/g/trustedai-committee/>

### BI & AI Committee

Slack conversation channel: #bi-ai-committee

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

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

To participate by email: <https://lists.lfaidata.foundation/g/biai-discussion>

## **Working Group: Ongoing Effort to Create AI Ethics Training – two hour video**

To join conversation on Slack:

#edx\_project <https://lfaifoundation.slack.com/archives/C015NJUMR3M>

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

<https://www.edx.org/course/ethics-in-ai-and-big-data>

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

The LF would cover the cost of the production and promotion

The course would be offered for free

The credit of the course will go to content creator and their organizations

Initial interested parties: IBM, AI for People, Montreal AI Ethics Institute, Ethical ML Institute

To participate: <https://lists.lfaidata.foundation/g/aiethics-training>

## **Working Group: CI efforts**

Contact: John Mertic and Eric Ball

Slack #ci-wg

<https://lfaifoundation.slack.com/archives/C01KXX9Q142>

## **TAC meeting details reminders**

To subscribe to the TAC Group Calendar, visit the wiki: <https://wiki.lfaidata.foundation/x/XQB2>

Join from PC, Mac, Linux, iOS or Android: <https://zoom.us/j/430697670>

Please send agenda topic requests to [tac-general@lists.lfaidata.foundation](mailto:tac-general@lists.lfaidata.foundation)