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

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

*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?pageId=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 Xiao (1), honmix (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 Ram6, 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
Sept 23: NNStreamer, 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
00:25:31 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 to coordinate in advance (min 2 wks) of your expected release date. Please email 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
  Please consider holding virtual events
  To discuss participation, please email 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
  Questions on participation details or upcoming announcements? Email 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/C01KXXK9Q142

**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