

Meeting of the LF AI & Data Technical Advisory Council (TAC)

April 21, 2022

 LF AI & DATA

Antitrust Policy

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Recording of Calls

Reminder:

TAC calls are recorded and available for viewing on the [TAC Wiki](#)

Reminder: LF AI & Data Useful Links

- › Web site: lfaidata.foundation
- › Wiki: wiki.lfaidata.foundation
- › GitHub: github.com/lfaidata
- › Landscape: <https://landscape.lfaidata.foundation> or <https://l.lfaidata.foundation>
- › Mail Lists: <https://lists.lfaidata.foundation>
- › Slack: <https://slack.lfaidata.foundation>
- › Youtube: <https://www.youtube.com/channel/UCfasaeqXJBCAJMNO9HcHfbA>
- › LF AI Logos: <https://github.com/lfaidata/artwork/tree/master/lfaidata>
- › LF AI Presentation Template: https://drive.google.com/file/d/1eiDNJvXCqSZHT4Zk_-czASlz2GTBRZk2/view?usp=sharing

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

Agenda

- › Roll Call (2 mins)
- › Approval of Minutes from previous meeting (2 mins)
- › Update from the DataOps committee
- › Update from the BI&AI Committee
- › LF AI General Updates (2 min)
- › Open Discussion (2 min)

TAC Voting Members - Please note

Please ensure that you do the following to facilitate smooth procedural quorum and voting processes:

- Change your Zoom display name to include your First/Last Name, Company/Project Represented
 - example: Nancy Rausch, SAS
- State your First/Last Name and Company/Project when submitting a motion
 - example: First motion, Nancy Rausch/SAS

TAC Voting Members

Note: we still need a few designated backups specified on [wiki](#)

Member Company or Graduated Project	Membership Level or Project Level	Voting Eligibility	Country	TAC Representative	Designated TAC Representative Alternates
4paradigm	Premier	Voting Member	China	Zhongyi Tan	
Baidu	Premier	Voting Member	China	Ti Zhou	Daxiang Dong, Yanjun Ma
Ericsson	Premier	Voting Member	Sweden	Rani Yadav-Ranjan	
Huawei	Premier	Voting Member	China	Howard (Huang Zhipeng)	Charlotte (Xiaoman Hu) , Leon (Hui Wang)
IBM	Premier	Voting Member	USA	Susan Malaika	Saishruthi Swaminathan
Nokia	Premier	Voting Member	Finland	@ Michael Rooke	@ Jonne Soininen
OPPO	Premier	Voting Member	China	Jimin Jia	
SAS	Premier	Voting Member	USA	*Nancy Rausch	JP Trawinski
Tencent	Premier	Voting Member	China	Bruce Tao	Huaming Rao
ZTE	Premier	Voting Member	China	Wei Meng	Liya Yuan
Acumos Project	Graduated Technical Project	Voting Member	USA	Amit Kumar	Prasanna Kulkarni
Adversarial Robustness Toolbox Project	Graduated Technical Project	Voting Member	USA	Beat Buesser	
Angel Project	Graduated Technical Project	Voting Member	China	Bruce Tao	Huaming Rao
Egeria Project	Graduated Technical Project	Voting Member	UK	Mandy Chessell	Nigel Jones, David Radley, Maryna Strelchuk, Ljupcho Palashevski, Chris Grote
Flyte Project	Graduated Technical Project	Voting Member	USA	Ketan Umare	
Horovod Project	Graduated Technical Project	Voting Member	USA	Travis Addair	
Milvus Project	Graduated Technical Project	Voting Member	China	Xiaofan Luan	Jun Gu
ONNX Project	Graduated Technical Project	Voting Member	USA	Alexandre Eichenberger	Prasanth Pulavarthi, Jim Spohrer
Pyro Project	Graduated Technical Project	Voting Member	USA	Fritz Obermeyer	

Minutes approval

Approval of April 7, 2022 Minutes

Draft minutes from the April 7th TAC call were previously distributed to the TAC members via the mailing list

Proposed Resolution:

- › That the minutes of the April 7th meeting of the Technical Advisory Council of the LF AI & Data Foundation are hereby approved.

DataOps Committee update

04/21/2022

Saishruthi Swaminathan

BI&AI Committee update

04/21/2022
Cupid Chan



BI & AI

"Open BI/AI Connectivity OBAIC



› **Open Business and Artificial Intelligence Connectivity (OBAIC)**

- › Borrows the concept from Open Database Connectivity (ODBC), which is an interface that makes it possible for applications to access data from a variety of database management systems (DBMSs). The aim of OBAIC is to make it as the interface that makes it possible for BI tools to access machine learning model from a variety of AI platform - “AI ODBC for BI”

› **What does it do?**

- › Through OBAIC, BI vendors can connect to any AI platform freely without concerning about the underlying implementation and how does the AI platform execute train the model or infer the result. It's just like what we used to have for database with ODBC that it's up to how the database store the data and execute the query.

› **Protocol Only**

- › The committee has decided this standard will only define the REST APIs protocol of how AI and BI communicates, initiated from BI to AI. The design or the actual implementation of OBAIC, such as whether this should be Server VS Server-less VS Docker, will leave it up to the vendor to provide, or if this protocol grows to another open-sourced project to provide such implementation.

- > LF AI & Data Foundation Events
- ▼ Technical Advisory Council (TAC)
 - TAC - Community Meetings & Ci
- ▼ Committees & Working Groups
 - > AI Ethics Training
 - ▼ BI & AI
 - **Open Business and Artifici**
 - Cross Collaboration Committe
 - > DataOps Committee
 - > ML Workflow & InterOp Comm
 - Project Proposal Template and
 - > Trusted AI Committee
 - Technical Project Releases
- > Technical Project Getting Starter
 - License Scanning Support Progr
 - Annual Review schedule
- Outreach Committee
- Committee Meeting Management
- LF AI & Data Foundation - Commu
- LF AI & Data Election Results Histo
- Confluence Overview

REST APIs

All of the REST APIs call presented below use [bearer tokens](#) for authorization. The {prefix} of each API is configurable in the hosted servers. This protocol is inspired by [Delta Sharing](#).

List Models - Step (1)

▼ [API to list models accessible to the recipient](#)

HTTP Request	Value
Method	GET
Header	Authorization: Bearer {token}
URL	{prefix}/models/{model}
Query Parameters	<p>maxResults (type: Int32, optional): The maximum number of results per page that should be returned. If the number of available results is larger than <code>maxResult</code>, the response will provide a <code>nextPageToken</code> that can be used to get the next page of results in subsequent list requests. The server may return fewer than <code>maxResults</code> items even if there are more available. The client should check <code>nextPageToken</code> in the response to determine if there are more available. Must be non-negative. 0 will return no results but <code>nextPageToken</code> may be populated.</p> <p>pageToken (type: String, optional): Specifies a page token to use. Set <code>pageToken</code> to the <code>nextPageToken</code> returned by a previous list request to get the next page of results. <code>nextPageToken</code> will not be returned in a response if there are no more results available.</p>

> [200: Models are returned successfully](#)

Example:

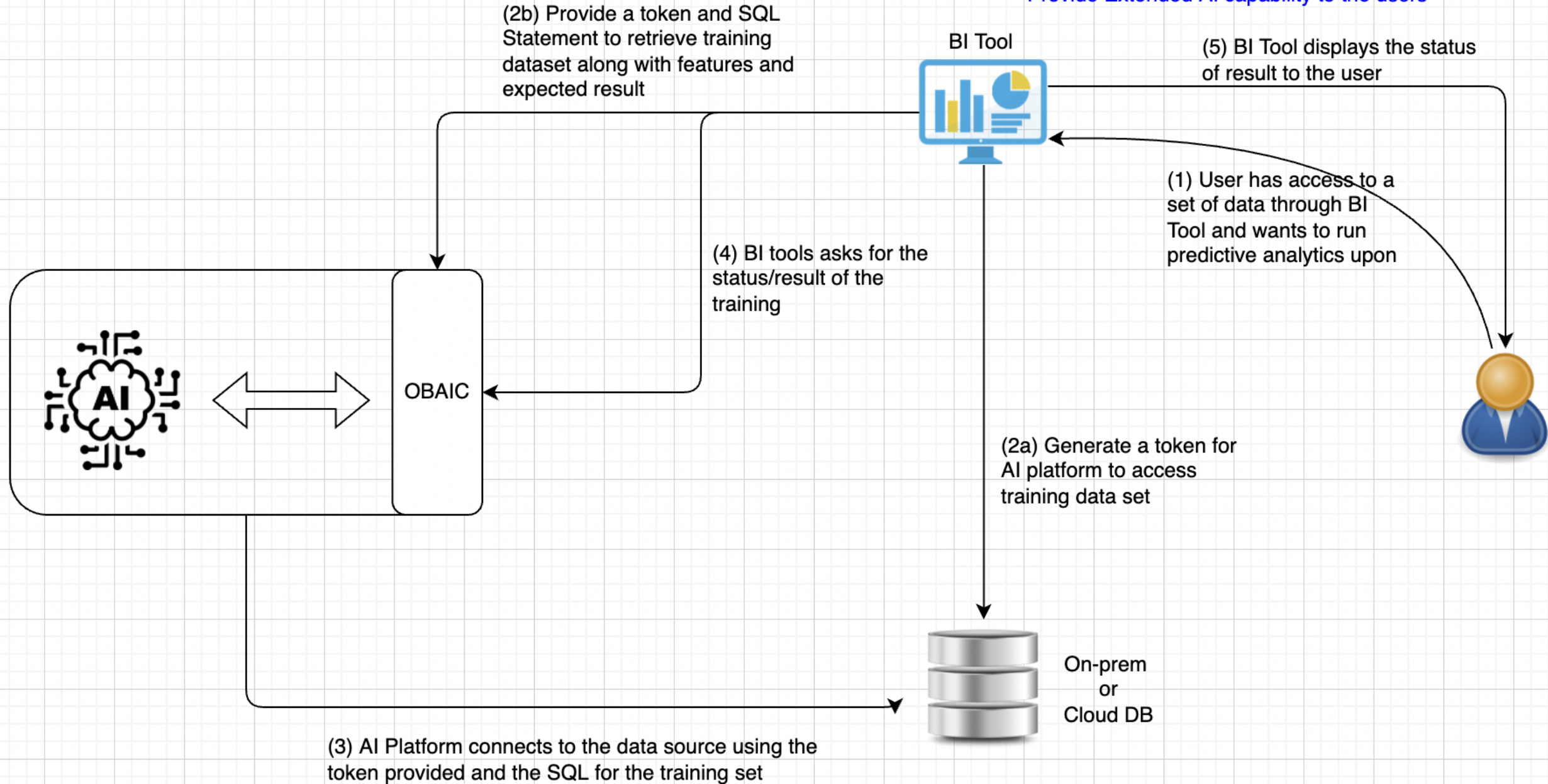
GET {prefix}/models?maxResults=5

▼ Collapse source

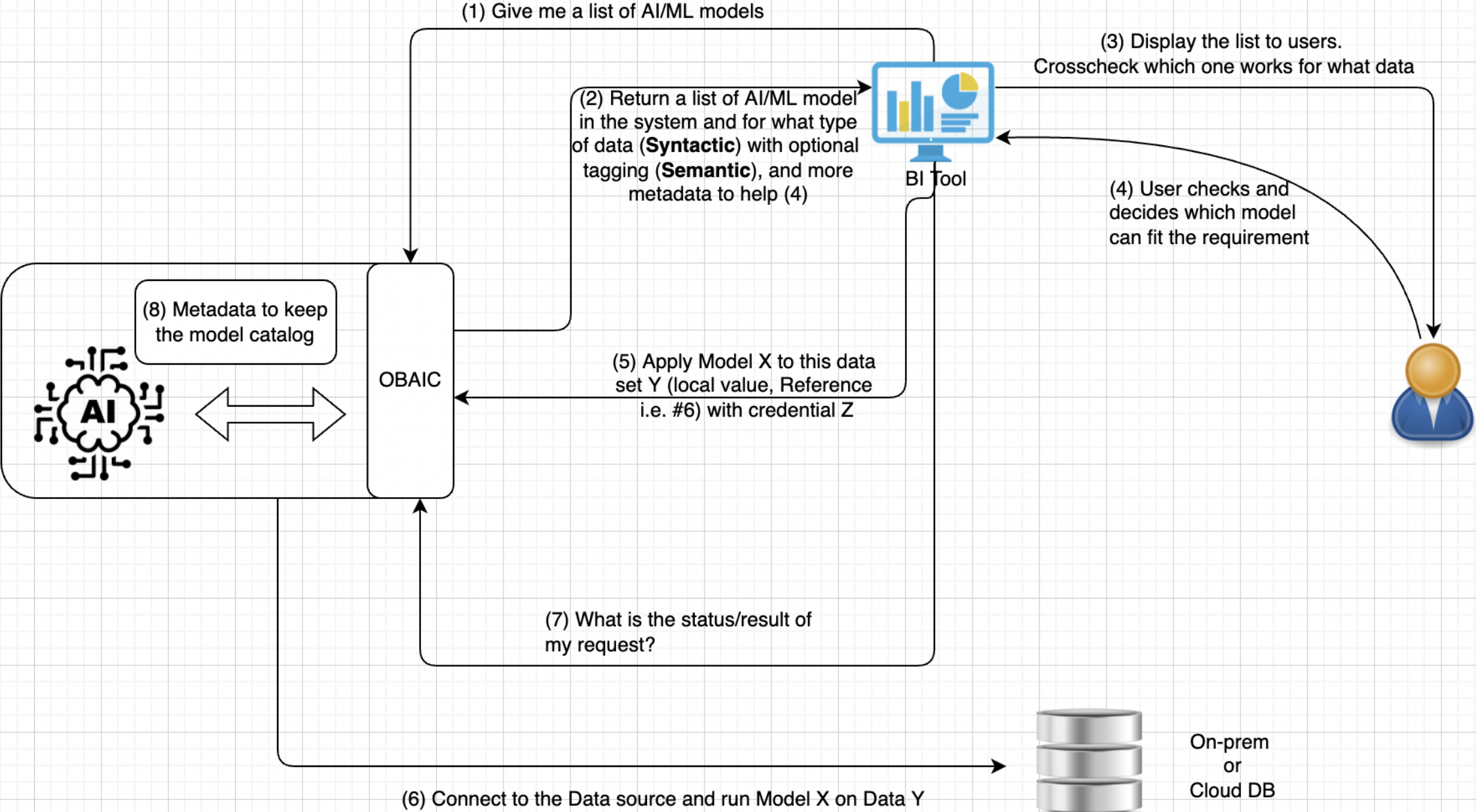
```
{
  "models": [
    {
      "name": "Model 1",
      "id": "6d4b571a-80ca-41ef-bc67-b158f4352ad8"
    },
    {
      "name": "Model 2",
      "id": "70d9ab9d-9a64-49a8-be4d-d3a678b4ab16"
    },
    {
      "name": "Model 3",
```

BI Competitive Edge

Provide Extended AI capability to the users



BI Competitive Edge
Provide intelligence to end user to pick the right model



Highlights



- › Draft for the standard is now under review by the committee
- › Expected to be voted for public comment by mid-April
- › Need help from the Board to promote this effort

Active Member

- › Cupid Chan
- › Xiangxiang Meng
- › Deepak Karuppiah
- › Nancy Rausch
- › Dalton Ruer
- › Sachin Sinha
- › Yi Shao
- › Jeffrey Tan
- › Lingyan Yin



Outreach Committee Update

April 21, 2022

Hu Xiaoman (Charlotte)

Upcoming Events

The screenshot shows the LF AI & Data website's events calendar. The header includes the logo and navigation links: ABOUT, PROJECTS, RESOURCES, EVENTS, BLOG, and a JOIN button. Below the header is a search bar with a magnifying glass icon, a location selector, and a 'Find Events' button. The main content area shows a calendar view for 'Upcoming' events. Two events are listed:

- June 21 - June 24**
LF AI & Data Booth at Open Source Summit North America: June 21-24, 2022
LF AI & Data Foundation will have a booth at Open Source Summit North America (OSS NA) – June 21 - 24, 2022. Register for OSS NA to visit our...
- September 13 - September 16**
LF AI & Data Booth at Open Source Summit Europe: September 13 – 16, 2022
LF AI & Data Foundation will have a booth at Open Source Summit Europe (OSS EU) – September 13 - 16, 2022. Register for OSS EU to visit our booth...

Visit the [LF AI & Data Events Calendar](#) or the [LF AI & Data 2022 Events wiki](#) for a list of all upcoming events

To discuss participation in an event or to host an event, please email events@lfaidata.foundation

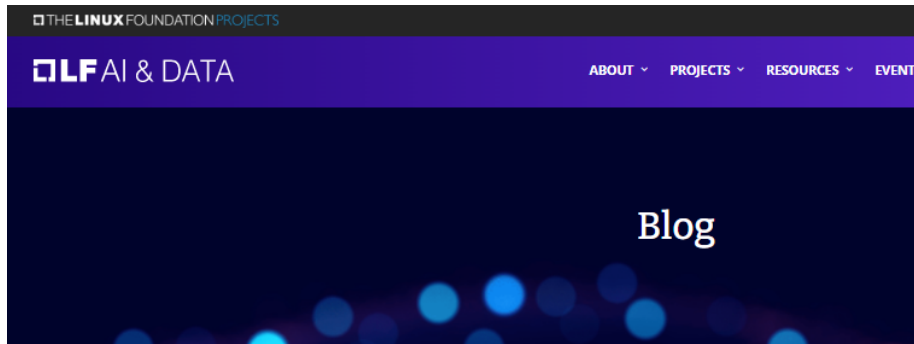
Event Call For Proposals

All **Linux Foundation** events for 2022 are published [here](#)

We have an AI/Data track in KubeCons and Open Source Summits, in addition to various smaller events with an AI/Datafocus

Browse the events list and determine if you'd like to submit a proposal to present your project

Recent Announcements



Visit the [LF AI & Data Blog](#) for announcement details

Interested in contributing a guest blog post? Review our blog guidelines, submit a blog request, and we'll reach out to lfprojects3@linuxfoundation.org. We look forward to hearing from you!

[BLOG GUIDELINES](#)

[SUBMIT A BLOG](#)

[New LF AI & Data Members Welcome – Q1 2022](#)

📅 Apr 20, 2022

The new year has been busy for the LF AI & Data Foundation. As 2022 started up, we were glad to welcome two new members to the LF AI & Data Foundation. Union.ai has joined as a General member and Transport for NSW as an Associate member. The LF AI...

[LF AI & Data Announces Artigraph as New Sandbox Project](#)

📅 Apr 13, 2022

LF AI & Data Foundation—the organization building an ecosystem to sustain open source innovation in artificial intelligence (AI) and data open source projects, today is announcing Artigraph as its latest Sandbox Project. Open sourced in January 2022, Artigraph is a tool that aims to improve the authorship, management, and quality...

[Release of Report: Artificial Intelligence and Data in Open Source – Challenges and Opportunities for Mass Collaboration at Scale](#)

📅 Mar 30, 2022

The LF AI & Data Foundation, the organization building an ecosystem to sustain open source innovation in artificial intelligence (AI) and data open source projects, is announcing the release of an editorial by the Executive Director, Ibrahim Haddad, Ph.D., titled, "Artificial Intelligence and Data in Open Source -..."

[Subscribe here to tac-general mailing list](#) to get emails with recent announcements

Promoting Upcoming Project Releases

We promote project releases via a blog post and on LF AI & Data [Twitter](#) and/or [LinkedIn](#) social channels

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

2022 Workshop Plan—Call for Summer Workshop Topics/Speakers



- Conference Date: 15/5 (to be discussed)
- Conference Form: Online
- Conference Content: 5 Speaker's topic share, 40min quarterly summary and brainstorming.
 1. Cloudwego: Bytedance Open Source Project by Yiyun Deng(Confirmed)
 2. Julia Tutorials and Ecosystem: JuliaCN Founder Johnny Chen(Confirmed)more...

Email to :huxiaoman707@gmail.com



The screenshot shows the Zoom meeting interface for the LF AI & DATA Foundation Spring Workshop. The meeting title is "LF AI & DATA Foundation Spring Workshop" and it is scheduled for Jan 21, 2022, at 02:00 PM. The interface includes a "Share Screen" button and a list of participants with their names and roles. The participants listed are:

- 开场致辞 (Opening Remarks)
- 堵俊平 (Dujunping), LF AI & DATA 董事会主席
- 杨轩 (Yang Xuan), Linux 基金会亚太区业务发展总监
- 余跃 (Yuyue), OpenI 智慧开源社区运营中心主任, 腾讯实验室开源研究用技术导师, 国防科技大学教授
- 孟伟 (Mengwei), 中兴通信标准与开源规划总监, 国际电信联盟ITU-T ML5G WG3 主席, 中国人工智能产业联盟联合组织副团长
- 谭中意 (Tan Zhongyi), 第四范式架构师
- 中场休息 (Break)
- Ibrahim Haddad, Executive Director of LF AI & DATA
- 黄之鹏 (Huang Zhipeng), LF AI & DATA 基金会技术委员会成员, 前 OpenI 社区、极智计算论坛技术委员会成员
- 周桐 (Zhou Tong), 飞桨开源生态技术负责人
- 胡晓曼 (Huxiaoman), LF AI & DATA Outreach Committee, 华为 MindSpore 运营总监
- 自由讨论 (Free Discussion)

LF AI & Data PR/Comms

Please follow LF AI & Data on [Twitter](#) (@LFAIDataFdn) & [LinkedIn](#) and help amplify news via your social networks - Please retweet and share!

Open call to publish project/committee updates or other relevant content on the [LF AI & Data Blog](#) - Review guidelines [here](#)

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

Upcoming TAC Meetings

 **DLF** AI & DATA

Upcoming TAC Meetings

- › May 5, 2022 – Synthetic Biology Open Computing Foundation; ML Security Proposal
- › May 19 – Beyond ML sandbox project (tentative)

Please note we are requesting special topics for future meetings.

If you have a topic idea or agenda item, please send agenda topic requests to tac-general@lists.lfaidata.foundation

Open Discussion

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: <https://zoom.us/j/430697670>
- › 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: <https://zoom.us/u/achYtcw7uN>

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