

LLM TRAINING

Build and Productionize LLM-Powered Applications with Ray & Anyscale

Adam Breindel Anyscale

presented by \(\begin{array}{c} \angle \text{anyscale} \end{array} \)





Meet the TAs!



Sihan



Philipp



Here's what to expect today.





Today's agenda.

- Retrieval-augmented generation from first principles
- Why host open source LLMs with Ray?
- Accelerate AI inference for higher speed, lower cost
- Combine Vector DBs + Ray for semantic search at scale
- Productionize an end-to-end LLM application with Ray



- S Participating via <u>app.sli.do</u>
 - Join with code #ray-IIm
 - Ask questions.
 - Pose your own and upvote others.
 - TAs will be answering questions on a rolling basis.

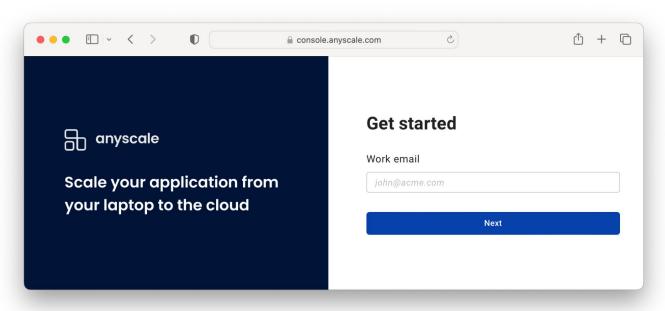


Accessing Anyscale clusters.

- All work will be in Anyscale provisioned clusters.
- Our GitHub repo will be mounted automatically.
- Access begins now.
 - Check your email for login information.
 - Step-by-step instructions to follow.

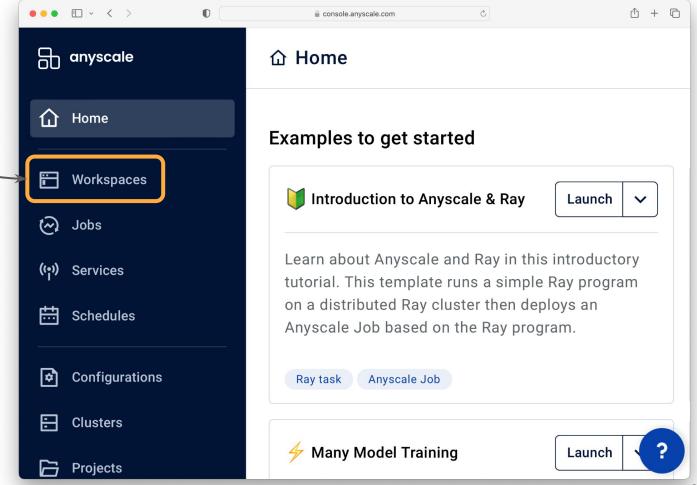
Anyscale login

Link to Anyscale cluster: console.anyscale.com

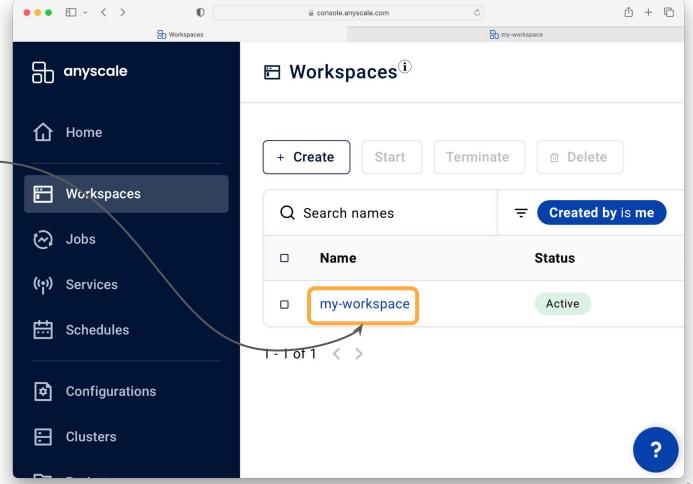


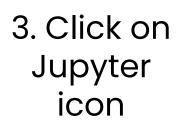
Enter the unique credentials sent to your email!

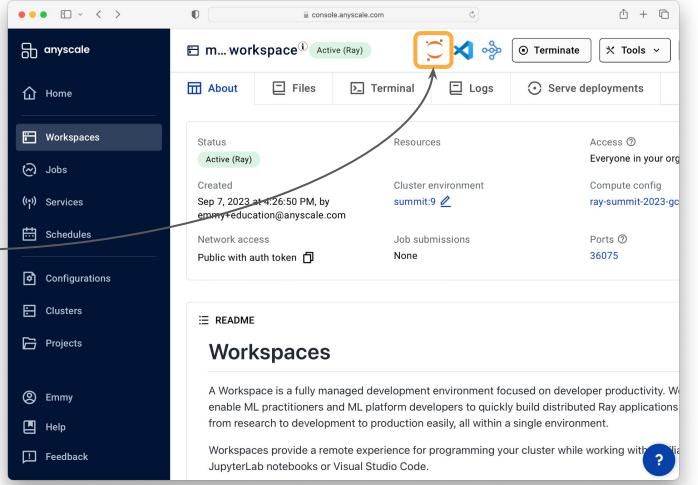
1. Select Workspaces

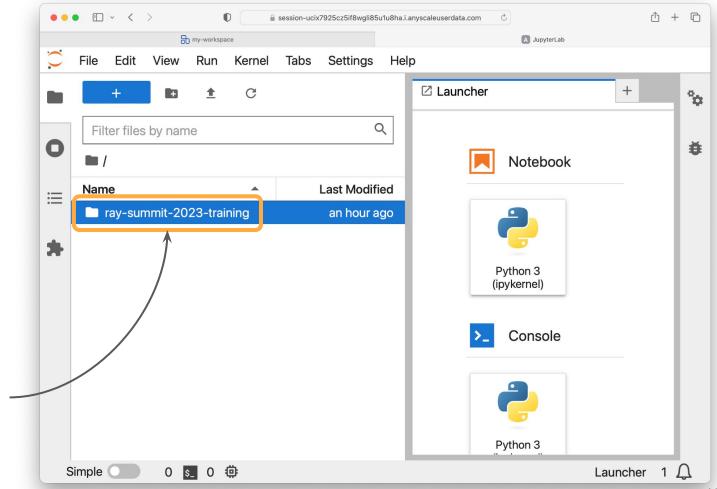


2. Select Your Workspace









4. Find the content for your class here.

Time for a Break!

15 minutes.

More Resources

For further exploration with Ray, Anyscale, and LLMs.





- **INTERPOLATION OF A PROPERTY OF A PAG APPS**MINISTRACTOR OF THE PROPERTY OF A PAG APPS
- Mow to build and orchestrate RAG with Ray
- Why Ray simplifies LLM apps in prod, at scale



- Online at <u>training.anyscale.com</u>
- Preview special technical content releases from the whole team!



Fill out the survey.

P Go to bit.ly/ray-summit-feedback







Ray Education GitHub

Access bonus notebooks and scripts about Ray.



Ray documentation

API references and user guides.



Anyscale Blogs

Real world use cases and announcements.



YouTube Tutorials

Video walkthroughs about learning LLMs with Ray.



Upcoming events



Bay Area Al + Ray Summit Happy Hour

Today at 5:00p.m.

Cap off an exciting conference with lightning talks, new friends, and good times!

bit.ly/bayai_ray_meetup





Connect with the community.



Attend events, subscribe to newsletter, follow on Twitter.



Get support

Join Ray Slack, ask questions on forum, open an issue.



Contribute to Ray

Read contributor quide, create a pull request.

Thank you!

We hope to meet again.

