

**A conversation with:****Andrew Ng, Antje Barth,
Shelbee Eigenbrode and
Sireesha Muppala****Advanced model training
and tuning****Video:** Week 1 Outline
2 min**Video:** Advanced Model
Training and Tuning
9 min**Video:** Tune a BERT-based
Text Classifier
13 min**Reading:** Have questions?
Meet us on Discourse!
10 min**Reading:** Have questions?
Meet us on Discourse.
10 min**Practice****Graded External Tool:**
Optimize models using
Automatic Model Tuning
Started**ML model training
challenges****Video:** Checkpointing
5 min**Video:** Distributed Training
Strategies
6 min**Video:** Custom Algorithms
with Amazon SageMaker
4 min**Video:** Week 1 Summary
1 min**Practice****Practice Quiz:** Week 1

Have questions? Meet us on Discourse!

Hello! At this point, you might already have some questions about the topics you've seen so far.

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To answer all your queries and give you the opportunity to connect with your fellow learners and mentors, we've created a DeepLearning.AI community on Discourse. [Sign up](#) to keep learning or [log in here](#) if you've already created an account!

Our Discourse community is not just a place for help regarding our courses, but also a place where you will be informed about our upcoming events and competitions.

If you are new to using Discourse, don't worry, we have got your back. We have created a [Discourse Guide](#) for you.

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QA Team

- Arturo Polanco, our QA Manager will be in Discourse to collect and prioritize updates based on your feedback.
- Ivoline Ngong, our Learning Technologist will also be in Discourse, and will be updating the course content based on your feedback.

We hope to see you there!

-The [DeepLearning.AI](#) team