Training of a custom model

Training of a custom model with Amazon SageMaker

- **Video:** Train a custom model with Amazon SageMaker
  8 min
- **Video:** Debug and profile models
  4 min
- **Video:** Debug and Profile Models with Amazon SageMaker Debugger
  7 min
- **Video:** Week 2 Summary
  2 min
- **Reading:** Week 2: optional references
  10 min

Practice

- **Practice Quiz:** Week 2 quiz
  8 questions
- **Graded External Tool:** Train a review classifier with BERT and Amazon SageMaker
  2h

Week 2: optional references

If you wish to dive more deeply into the topics covered this week, feel free to check out these optional references. (You won't have to read these to complete this week's practice quizzes.)

- PyTorch Hub
- TensorFlow Hub
- Hugging Face open-source NLP transformers library
- RoBERTa model
- Amazon SageMaker Model Training (Developer Guide)
- Amazon SageMaker Debugger: A system for real-time insights into machine learning model training
- The science behind SageMaker's cost-saving Debugger
- Amazon SageMaker Debugger (Developer Guide)
- Amazon SageMaker Debugger (GitHub)

✓ Complete

Go to next item