

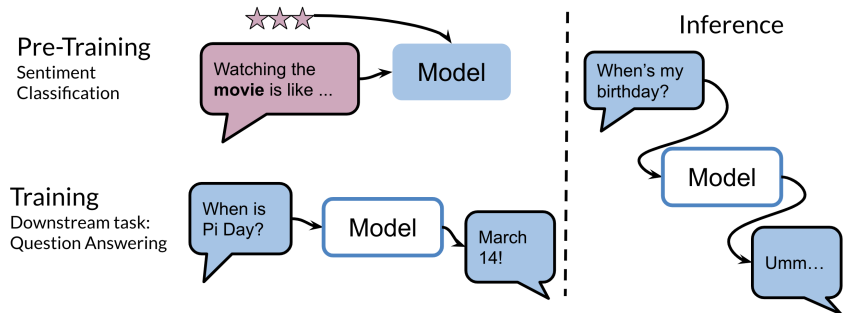
## Question Answering

- Video:** Week 3 Overview  
6 min
- Reading:** Week 3 Overview  
10 min
- Video:** Transfer Learning in NLP  
7 min
- Reading:** Transfer Learning in NLP  
10 min
- Video:** ELMo, GPT, BERT, T5  
7 min
- Reading:** ELMo, GPT, BERT, T5  
10 min
- Video:** Bidirectional Encoder Representations from Transformers (BERT)  
4 min
- Reading:** Bidirectional Encoder Representations from Transformers (BERT)  
10 min
- Video:** BERT Objective  
2 min
- Reading:** BERT Objective  
10 min
- Video:** Fine tuning BERT  
2 min
- Reading:** Fine tuning BERT  
10 min
- Video:** Transformer: T5  
3 min
- Reading:** Transformer T5  
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- Video:** Multi-Task Training Strategy  
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- Reading:** Multi-Task Training Strategy  
10 min
- Video:** GLUE Benchmark  
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- Reading:** GLUE Benchmark  
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- Video:** Question Answering  
2 min
- Reading:** Question Answering  
10 min
- Lab:** SentencePiece and BPE  
2h
- Reading:** Content Resource  
10 min

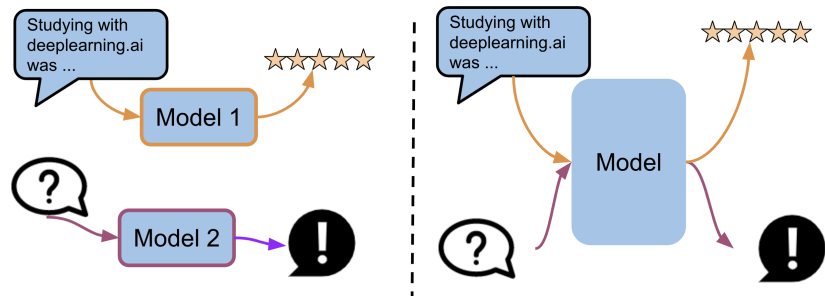
## Assignment

# Week 3 Overview

Welcome to Week 3! In this week you are going to learn about transfer learning and specifically you will understand how T5 and BERT actually work.



In the image above, you can see how a model initially trained on some type of sentiment classification, could now be used for question answering. One other model that has state of the art makes use of multi tasking. For example, the same model could be used for sentiment analysis, question answering, and many other things.



These new types of models make use of a lot of data. For example the C4 (colossal cleaned crawled corpus) is about 800 GB when all of the english wikipedia is just 13 GB!

✓ Complete

Go to next item