

# Few Shot Learning

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## What is Few Shot Learning? - [Must watch video](#)

Few Shot Learning is a technique that you can use with very little effort to start training a model to perform a specific task.

This is how it is done. We provide one sample to the Model, let's say one paragraph followed by a Question from that paragraph and an answer from that paragraph and a Stop Sequence.

### Stop Sequence

Stop Sequence is a way to tell the AI that here is the end of the current example/sample and the start of the next question/example/sample.

The trick is after a few shots of providing these sample Paragraphs, then Questions and then Answers and stop sequences, we will provide only the paragraph and question without the answer and stop sequence.

And the cool part is the Model will provide the answer based on a few earlier samples/examples given to it.

It's more like asking an AI model what you have to do before you insert a stop sequence. Following the samples of previous samples.

So the training part of the model is that the Model learned that previously provided samples were both questions and answers from the paragraph and for this as well, I have to find the answer from the paragraph and provide the result along with the stop sequence.

## Few-Shot Learning

Dogs are mammals who bark...

Q: Are dogs mammals?

A: Dogs are mammals.

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Mount Everest is the highest mountain on earth...

Q: What is the highest mountain on earth?

A: Mount Everest is the highest mountain on earth.

##

Earth is the third planet from the Sun...

Q: What is the third planet from the sun?

A:

### Reference

<https://www.linkedin.com/learning/introduction-to-prompt-engineering-for-generative-ai/few-shot-learning?autoSkip=true&resume=false>