# **[Fine-tuning](https://platform.openai.com/docs/guides/fine-tuning/fine-tuning)**

Learn how to customize a model for your application.

[**Introduction**](https://platform.openai.com/docs/guides/fine-tuning/introduction)

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**Prompt engineering to Fine tuning:**

* Prompt engineering on existing model
* Many example on existing model, few shot learning.
* Fine tuning improve on few shot learning by training on many more examples that can fit in few shot learning. Once model is fine tuned, you would not need to give as many example in the prompt.

**Advantage of find tuning:**

* Higher quality results than prompting
* Ability to train on more examples than can fit in a prompt
* Token savings due to shorter prompts
* Lower latency requests

**Fine tuning steps:**

* Prepare and upload training data
* Train a new fine-tuned model
* Evaluate results and go back to step 1 if needed
* Use your fine-tuned model

**Common use case**

* Setting the style, tone, format, or other qualitative aspects
* Improving reliability at producing a desired output
* Correcting failures to follow complex prompts
* Handling many edge cases in specific ways
* Performing a new skill or task that’s hard to articulate in a prompt