

Why you probably don't need to fine-tune

Few-shot learning: Providing the model with a few example cases at inference (not during training), to improve model output.

Without FSL

User: Extract every entity in the following text: "The Apple executive executed an apple tree." Output JSON for your response. Include no additional text.

AI:

```
{
  "entities": [
    {"entity": "Apple", "type": "Organization"},
    {"entity": "executive", "type": "JobTitle"},
    {"entity": "apple tree", "type": "Plant"}
  ]
}
```

Without FSL

User: Extract every entity in the following text: "The Apple executive executed an apple tree." Output JSON for your response. Include no additional text.

AI:

```
Sure! Here is JSON for those entities.
{
  "entities": [
    {"text": "Apple", "type": "Organization"},
    {"text": "executive", "type": "Title"},
    {"text": "apple tree", "type": "Plant"}
  ]
}
```

With FSL

FSL prompt

User: Extract every entity in the following text into JSON: "F.E. Church attended this church."

AI: `{"F.E. Church": "Person", "church": "Structure"}`

User: Extract every entity in the following text into JSON: "Nvidia's CEO checked the stocks and leaped for joy."

AI: `{"NVidia": "Organization", "CEO": "JobTitle", "stocks": "Financial", "joy": "Emotion"}`

User: Extract every entity in the following text into JSON: "The Apple executive executed an apple tree."

AI response

AI: `{"Apple": "Organization", "executive": "JobTitle", "apple tree": "Plant"}`

