

```
(1) dataseton > ...
1 [{"prompt": "When do I have to start the heater?", "completion": "Every day in the morning at 7AM. You should stop it at 2PM"},
2 {"prompt": "Where is the garage remote control?", "completion": "Next to the yellow door, on the key ring"},
3 {"prompt": "Is it necessary to program the scent diffuser every day?", "completion": "The scent diffuser is already programmed, you just need to recharge it when its battery is low"}]
```

```
openai tools fine_tunes.prepare_data -f data.json
```

```
openai api fine_tunes.create -t "data_prepared.jsonl" -m curie
```

```
Upload progress: 100%|██████████████████████████████████████████████████████████████████████████████| 417/417 [00:00<00:00, 29  
Skit/s]  
Uploaded file from data_prepared.jsonl: file=c5UIGnbRTdzqe1qRbVVRGsV15  
Created fine-tune: ft-2jiLK2t4gGQ3JIYjgNU0R17z  
Streaming events until fine-tuning is complete...  
  
(Ctrl-C will interrupt the stream, but not cancel the fine-tune)  
[2023-11-27 10:25:55] Created fine-tune: ft-2jiLK2t4gGQ3JIYjgNU0R17z  
[2023-11-27 10:26:04] Fine-tune costs $0.00  
[2023-11-27 10:26:05] Fine-tune enqueued. Queue number: 0  
[2023-11-27 10:26:07] Fine-tune started
```

```
openai api fine_tunes.list
```

```
{
  "object": "list",
  "data": [
    {
      "object": "fine-tune",
      "id": "ft-2jiLK2t4gGQ3JIYjgNU0Ri7z",
      "hyperparams": {
        "n_epochs": 4,
        "batch_size": 1,
        "prompt_loss_weight": 0.01,
        "learning_rate_multiplier": 0.1
      },
      "organization_id": "org-VCyr7KXWzaElk0siKBxNpp6h",
      "model": "curie",
      "training_files": [
        {
          "object": "file",
          "id": "file-c5U1GnbRTdzqe1qRbVRGsV15",
          "purpose": "fine-tune",
          "filename": "data_prepared.jsonl",
          "bytes": 417,
          "created_at": 1701109555,
          "status": "processed",
          "status_details": null
        }
      ],
      "validation_files": [],
      "result_files": [
        {
          "object": "file",
          "id": "file-k6xkg6C4f8FCwqxSAKuzV91z",
          "purpose": "fine-tune-results",
          "filename": "compiled_results.csv",
          "bytes": 744,
          "created_at": 1701109650,
          "status": "processed",
          "status_details": null
        }
      ],
      "created_at": 1701109555,
      "updated_at": 1701109651,
      "status": "succeeded",
    }
  ]
}
```

Use fine\_tuned\_model and try it out

```
step,elapsed_tokens,elapsed_examples,training_loss,training_sequence_accuracy,training_token_accuracy
1,33,1,1.4646324474853465,0.0,0.55
2,66,2,1.7572919857455418,0.0,0.23529411764705882
3,91,3,1.6785384513934452,0.0,0.36363636363636365
4,116,4,1.6079843709866204,0.0,0.45454545454545453
5,149,5,1.2478697110433132,0.0,0.55
6,182,6,1.4710830200091003,0.0,0.29411764705882354
7,215,7,1.4113194398675115,0.0,0.35294117647058826
8,240,8,1.3527744055539368,0.0,0.45454545454545453
9,273,9,1.0532228300604038,0.0,0.65
10,306,10,1.2986056757578628,0.0,0.35294117647058826
11,339,11,1.024046107933391,0.0,0.65
12,364,12,1.289868979950746,0.0,0.45454545454545453
13,389,13,1.289868979950746,0.0,0.45454545454545453
14,422,14,1.024208980605472,0.0,0.65
```