

# JSON Extraction powered by OpenAI

## Creating a ML Engine

```
CREATE ML_ENGINE demo_openai_engine
FROM openai
USING
  api_key = 'Your OpenAI API Key here';
```

## Creating a Model

```
CREATE MODEL openai_movie_json_extractor
PREDICT json
USING
  engine = 'demo_openai_engine',
  json_struct = {
    'Movie': 'Answer the Movie name.',
    'Director': 'Answer the Director's name.',
    'Starcast': 'Answer the star cast name.',
    'Plot': 'Describe the summary of the movie.'
  },
  input_text = 'synopsis';
```

## Checking Model Status

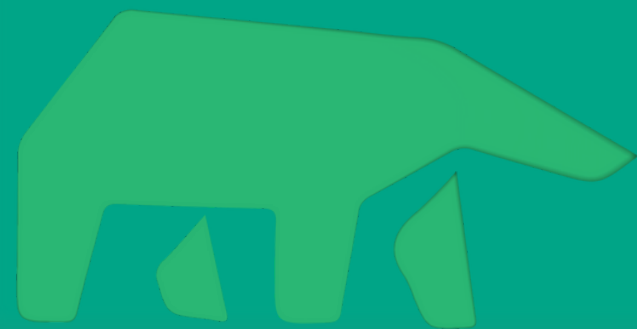
```
SELECT status
FROM models WHERE name =
'openai_movie_json_extractor';
```

## Querying the Model

```
SELECT json
FROM openai_movie_json_extractor
WHERE synopsis= "Directed by Chad Stahelski, the fourth installment of the John Wick franchise focuses on the assassin's ultimate calling, beating The High Table once and for all. But it's not an easy mission, as Wick must first confront a new, dangerous enemy with a massive global network. If he succeeds, he can finally free himself from the shackles of a violent life. The action thriller co-stars Keanu Reeves, Bill Skarsgård, Laurence Fishburne, Ian McShane, and Donnie Yen.";
```

## Dropping the Model

```
Drop Model openai_movie_json_extractor;
```



**mindsdb** PLAYGROUND