

Sentiment Analysis powered by OpenAI

Creating a Model

```
CREATE MODEL openai_sentiment_analyzer
PREDICT sentiment
USING
engine = 'openai',
model_name = 'gpt-4',
prompt_template = 'Describe the sentiment of the text
strictly as "positive", "neutral", or "negative".
"I love the product":positive
"It is a scam":negative
"{{text}}.":';
```

Dropping the Model

```
DROP MODEL openai_sentiment_analyzer;
```

Checking Model Status

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

Querying the Model

```
SELECT text, sentiment
FROM openai_sentiment_analyzer
WHERE text = 'You are amazing.';
```



mindsdb PLAYGROUND

Sentiment Analysis powered by HuggingFace

Creating a Model

```
CREATE MODEL hf_sentiment_analyzer
PREDICT sentiment
USING
  engine = 'huggingface',
  task = 'text-classification',
  model_name = 'cardiffnlp/twitter-roberta-base-sentiment',
  input_column = 'text',
  labels = ['negative','neutral','positive'];
```

Dropping the Model

```
DROP MODEL hf_sentiment_analyzer;
```

Checking Model Status

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

Querying the Model

```
SELECT text, sentiment
FROM hf_sentiment_analyzer
WHERE text = 'You are stupid.';
```



mindsdb PLAYGROUND