Sentiment Analysis 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_sentiment_analyzer
PREDICT sentiment
USING
engine = 'demo_openai_engine',
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}}.":';
```
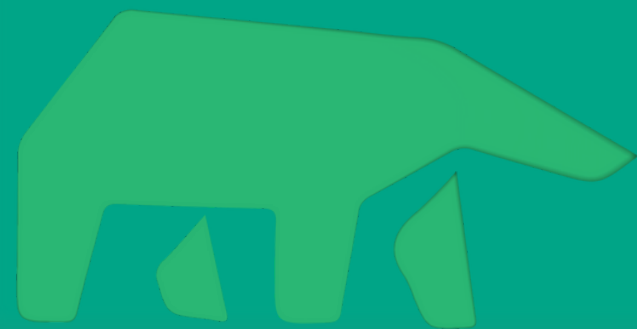
Checking Model Status

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

Querying the Model

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

Dropping the Model

```
Drop Model openai_sentiment_analyzer;
```

mindsdb PLAYGROUND

Sentiment Analysis powered by HuggingFace

Creating a Model

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

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.';
```

Dropping the Model

```
DROP MODEL hf_sentiment_analyzer ;
```

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