

Summary 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_article_summarizer  
PREDICT summary  
USING  
  engine = 'demo_openai_engine',  
  max_tokens = 200,  
  prompt_template = 'Provide a short and informative  
summary of the following text. text:{{text}}';
```

Checking Model Status

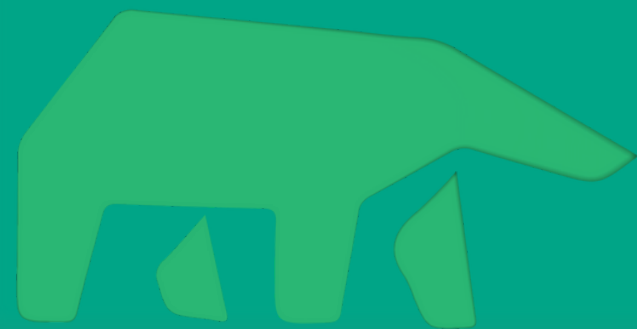
```
SELECT status  
FROM models WHERE name =  
'openai_article_summarizer';
```

Querying the Model

```
SELECT summary  
FROM openai_article_summarizer  
WHERE text = "Dollar gains on Greenspan speech The dollar has hit its highest level  
against the euro in almost three months after the Federal Reserve head said the US  
trade deficit is set to stabilize. Alan Greenspan highlighted the US government's  
willingness to curb spending and rising household savings as factors that may help to  
reduce it. In late trading in New York, the dollar reached $1.2871 against the euro, from  
$1.2974 on Thursday. Market concerns about the deficit have hit the greenback in  
recent months. ";
```

Dropping the Model

```
Drop Model openai_article_summarizer;
```



mindsdb PLAYGROUND

Summary Extraction powered by HuggingFace

Creating a Model

```
CREATE MODEL hf_article_summarizer  
PREDICT summary  
USING  
engine = 'huggingface',  
model_name = 'sshleifer/distilbart-cnn-12-6',  
input_column = 'text',  
min_output_length = 10,  
max_output_length = 200;
```

Checking Model Status

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

Dropping the Model

```
DROP MODEL hf_article_summarizer;
```

Querying the Model

```
SELECT summary  
FROM hf_article_summarizer  
WHERE text = "Dollar gains on Greenspan speech The dollar has hit its highest level  
against the euro in almost three months after the Federal Reserve head said the US  
trade deficit is set to stabilize. Alan Greenspan highlighted the US government's  
willingness to curb spending and rising household savings as factors that may help  
reduce it. In late trading in New York, the dollar reached $1.2871 against the euro, from  
$1.2974 on Thursday. Market concerns about the deficit have hit the greenback in  
recent months."
```



mindsdb PLAYGROUND