

Translations powered by OpenAI

English-French

Creating a ML Engine

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

Checking Model Status

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

Creating a Model

```
CREATE MODEL openai_engfr_translator  
PREDICT translation  
USING  
  engine = 'demo_openai_engine',  
  prompt_template = 'Translate the following text in English to  
French. text:{{text}}';
```

Querying the Model

```
SELECT translation  
FROM openai_engfr_translator  
WHERE text = 'He is a great man.';
```

Dropping the Model

```
Drop Model openai_engfr_translator;
```



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Translations powered by OpenAI

French-English

Creating a ML Engine

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

Checking Model Status

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

Creating a Model

```
CREATE MODEL openai_freng_translator  
PREDICT translation  
USING  
  engine = 'demo_openai_engine',  
  prompt_template = 'Translate the following text in French to  
  English. text:{{text}}';
```

Querying the Model

```
SELECT translation  
FROM openai_freng_translator  
WHERE text = 'Le monde finira un jour.';
```

Dropping the Model

```
Drop Model openai_freng_translator;
```



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Translations powered by OpenAI

Spanish-English

Creating a ML Engine

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

Checking Model Status

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

Creating a Model

```
CREATE MODEL openai_speng_translator  
PREDICT translation  
USING  
  engine = 'demo_openai_engine',  
  prompt_template = 'Translate the following text in Spanish to  
English and return back the translated text only. text:{{text}}';
```

Querying the Model

```
SELECT translation  
FROM openai_speng_translator  
WHERE text = 'La Casa De Papel';
```

Dropping the Model

```
Drop Model openai_speng_translator;
```



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Translations powered by HuggingFace

English-French

Creating a Model

```
CREATE MODEL hf_enfr_translator  
PREDICT translation  
USING  
engine = 'huggingface',  
model_name = 't5-base',  
input_column = 'text',  
lang_input = 'en',  
lang_output = 'fr';
```

Checking Model Status

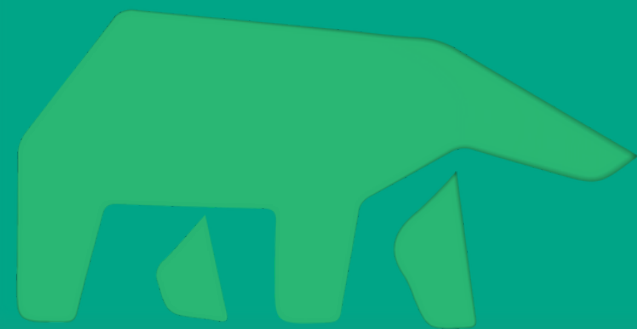
```
SELECT status  
FROM models WHERE name = 'hf_enfr_translator';
```

Querying the Model

```
SELECT translation  
FROM hf_enfr_translator  
WHERE text = 'The work is very difficult.';
```

Dropping the Model

```
Drop Model hf_enfr_translator;
```



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Translations powered by HuggingFace

French-English

Creating a Model

```
CREATE MODEL hf_fren_translator  
PREDICT translation  
USING  
engine = 'huggingface',  
model_name = 'Helsinki-NLP/opus-mt-fr-en',  
input_column = 'text',  
lang_input = 'fr',  
lang_output = 'en';
```

Checking Model Status

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

Querying the Model

```
SELECT translation  
FROM hf_fren_translator  
WHERE text = 'Parfois, pour trouver la paix, nous devons aller à la guerre.';
```

Dropping the Model

```
Drop Model hf_fren_translator;
```



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Translations powered by HuggingFace

Spanish-English

Creating a Model

```
CREATE MODEL hf_spen_translator  
PREDICT translation  
USING  
engine = 'huggingface',  
model_name = 'Helsinki-NLP/opus-mt-es-en',  
input_column = 'text',  
lang_input = 'es',  
lang_output = 'en';
```

Checking Model Status

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

Querying the Model

```
SELECT translation  
FROM hf_spen_translator  
WHERE text = "La Casa De papel";
```

Dropping the Model

```
Drop Model hf_spen_translator;
```



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