

# Spam Detection powered by OpenAI

## Creating a Model

```
CREATE MODEL openai_spam_detector
PREDICT type
USING
  engine = 'openai',
  model_name = 'gpt-4',
  prompt_template = 'Determine and Label the given
text as "SPAM" or "HAM".
  "You have won 12 crore lottery. Click here to
claim" : SPAM
  "The team scrum call has been shifted to 8PM
today. Kindly join on time." : HAM
  "{{text}}" : ;
```

## Dropping the Model

```
Drop model openai_spam_detector;
```

## Checking Model Status

```
Select status from models where
name='openai_spam_detector';
```

## Querying the Model

```
Select type from openai_spam_detector where text="Our records show
you overpaid for (a product or service). Kindly supply your bank routing
and account number to receive your refund."
```



mindsdb PLAYGROUND

# Spam Detection powered by HuggingFace

## Creating a Model

```
CREATE MODEL mindsdb.hf_spam_detector
PREDICT type
USING
engine = 'huggingface',
task = 'text-classification',
model_name = 'mariagrاندury/roberta-base-finetuned-
sms-spam-detection',
input_column = 'text',
labels = ['HAM', 'SPAM'];
```

## Checking Model Status

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

## Querying the Model

```
SELECT type
FROM hf_spam_detector
WHERE text = "Click here and claim 1 million in 1 minute.";
```

## Dropping the Model

```
DROP MODEL hf_spam_detector;
```



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