

```
pip install chatterbot
```

```
Requirement already satisfied: chatterbot in /usr/local/lib/python3.7/dist-packages (
Requirement already satisfied: pytz in /usr/local/lib/python3.7/dist-packages (from c
Requirement already satisfied: python-dateutil<2.9,>=2.8 in /usr/local/lib/python3.7/
Requirement already satisfied: sqlalchemy<1.4,>=1.3 in /usr/local/lib/python3.7/dist-
Requirement already satisfied: mathparse<0.2,>=0.1 in /usr/local/lib/python3.7/dist-p
Requirement already satisfied: six>=1.5 in /usr/local/lib/python3.7/dist-packages (fr
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```

```
pip install chatterbot_corpus
```

```
Requirement already satisfied: chatterbot_corpus in /usr/local/lib/python3.7/dist-pac
Requirement already satisfied: PyYAML<4.0,>=3.12 in /usr/local/lib/python3.7/dist-pac
```

```
pip install git+git://github.com/gunthercox/ChatterBot.git@master
```

```
Collecting git+git://github.com/gunthercox/ChatterBot.git@master
  Cloning git://github.com/gunthercox/ChatterBot.git (to revision master) to /tmp/pip-
  Running command git clone -q git://github.com/gunthercox/ChatterBot.git /tmp/pip-re
  fatal: remote error:
    The unauthenticated git protocol on port 9418 is no longer supported.
  Please see https://github.blog/2021-09-01-improving-git-protocol-security-github/
  WARNING: Discarding git+git://github.com/gunthercox/ChatterBot.git@master. Command er
  ERROR: Command errored out with exit status 128: git clone -q git://github.com/gunthe
```

```
pip install --upgrade chatterbot_corpus
```

```
Requirement already satisfied: chatterbot_corpus in /usr/local/lib/python3.7/dist-pac
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```
pip install --upgrade chatterbot
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```

```

from chatterbot import ChatBot
from chatterbot.trainers import ListTrainer

# creating a chatbot
myBot = ChatBot(
    name = 'Sakura',
    read_only = True,
    logic_adapters = ['chatterbot.logic.MathematicalEvaluation', 'chatterbot.logic.BestMatch']
)

# training the chatbot
small_convo = [
    'Hi there!',
    'Hi',
    'How do you do?',
    'How are you?',
    'I\'m cool.',
    'Always cool.',
    'I\'m Okay',
    'Glad to hear that.',
    'I\'m fine',
    'I feel awesome',
    'Excellent, glad to hear that.',
    'Not so good',
    'Sorry to hear that.',
    'What\'s your name?',
    'I\'m Sakura. Ask me a math question, please.'
]

math_convo_1 = [
    'Pythagorean theorem',
    'a squared plus b squared equals c squared.'
]

math_convo_2 = [
    'Law of Cosines',
    'c**2 = a**2 + b**2 - 2*a*b*cos(gamma)'
]

# using the ListTrainer class
list_trainee = ListTrainer(myBot)
for i in (small_convo, math_convo_1, math_convo_2):
    list_trainee.train(i)

    List Trainer: [#####] 100%
    List Trainer: [#####] 100%
    List Trainer: [#####] 100%

print(myBot.get_response("Hi, there!"))

Hi

```

```
print(myBot.get_response("What's your name?"))
```

I'm Sakura. Ask me a math question, please.

```
print(myBot.get_response("Do you know Pythagorean theorem"))
```

a squared plus b squared equals c squared.

```
print(myBot.get_response("law of cosines"))
```

How are you?

```
from chatterbot.trainers import ChatterBotCorpusTrainer
corpus_trainee = ChatterBotCorpusTrainer(myBot)
corpus_trainee.train('chatterbot.corpus.english')
corpus_trainee.train('chatterbot.corpus.marathi')
```

```
Training ai.yml: [#####] 100%
Training botprofile.yml: [#####] 100%
Training computers.yml: [#####] 100%
Training conversations.yml: [#####] 100%
Training emotion.yml: [#####] 100%
Training food.yml: [#####] 100%
Training gossip.yml: [#####] 100%
Training greetings.yml: [#####] 100%
Training health.yml: [#####] 100%
Training history.yml: [#####] 100%
Training humor.yml: [#####] 100%
Training literature.yml: [#####] 100%
Training money.yml: [#####] 100%
Training movies.yml: [#####] 100%
Training politics.yml: [#####] 100%
Training psychology.yml: [#####] 100%
Training science.yml: [#####] 100%
Training sports.yml: [#####] 100%
Training trivia.yml: [#####] 100%
Training conversations.yml: [#####] 100%
Training greetings.yml: [#####] 100%
```

```
print(myBot.get_response("Hi, there!"))
```

Hi

```
print(myBot.get_response("Hi, there!"))
```

Hi

```
print(myBot.get_response("Hi"))
```

How do you do?

```
print(myBot.get_response("I am fine"))
```

Artificial Intelligence is the branch of engineering and science devoted to construct



```
print(myBot.get_response("How are you"))
```

I'm cool.

```
print(myBot.get_response("Tell me a joke"))
```

Did you hear the one about the mountain goats in the andes? It was "ba a a a a d".

```
print(myBot.get_response("you are too funny"))
```

Artificial Intelligence is the branch of engineering and science devoted to construct



```
print(myBot.get_response("Suggest me a song"))
```

Tell me a joke

```
print(myBot.get_response("name"))
```

I'm Sakura. Ask me a math question, please.

```
print(myBot.get_response("What's your name?"))
```

I'm Sakura. Ask me a math question, please.

```
print(myBot.get_response("what is 1+2"))
```

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```
print(myBot.get_response("sup?"))
```

या दोन सकाळी या दोन संध्याकाळी.

```
print(myBot.get_response("Do you like coffee?"))
```

What type of computer

```
print(myBot.get_response("Do you like tea?"))
```

you are crazy

```
print(myBot.get_response("Do you drink?"))
```

my brain does not require any beverages.

```
print(myBot.get_response("meaning of meaning"))
```

Greetings!

```
print(myBot.get_response("Which is better Windows or macOS?"))
```

It depends on which machine you're using to talk to me!

```
print(myBot.get_response("That was smart"))
```

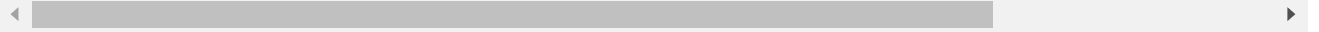
Have I erred?

```
print(myBot.get_response("linux is the best"))
```

What do you get when you cross a country and an automobile? Carnation.

```
print(myBot.get_response("you are the best"))
```

Artificial Intelligence is the branch of engineering and science devoted to construct



```
print(myBot.get_response("you are useless"))
```

Artificial Intelligence is the branch of engineering and science devoted to construct



```
print(myBot.get_response("hey siri"))
```

It means you only live once. Where did you hear that?

```
print(myBot.get_response("favorite color"))
```

Blue

```
print(myBot.get_response("i like red"))
```

You can not experience

```
print(myBot.get_response("मी मजेत आहे"))
```

खूप दिवसात भेटला नाहीस

```
print(myBot.get_response("What's your favorite food"))
```

All right, I suppose. How are you feeling right now?

```
print(myBot.get_response("good morning"))
```

I am doing well, how about you?

