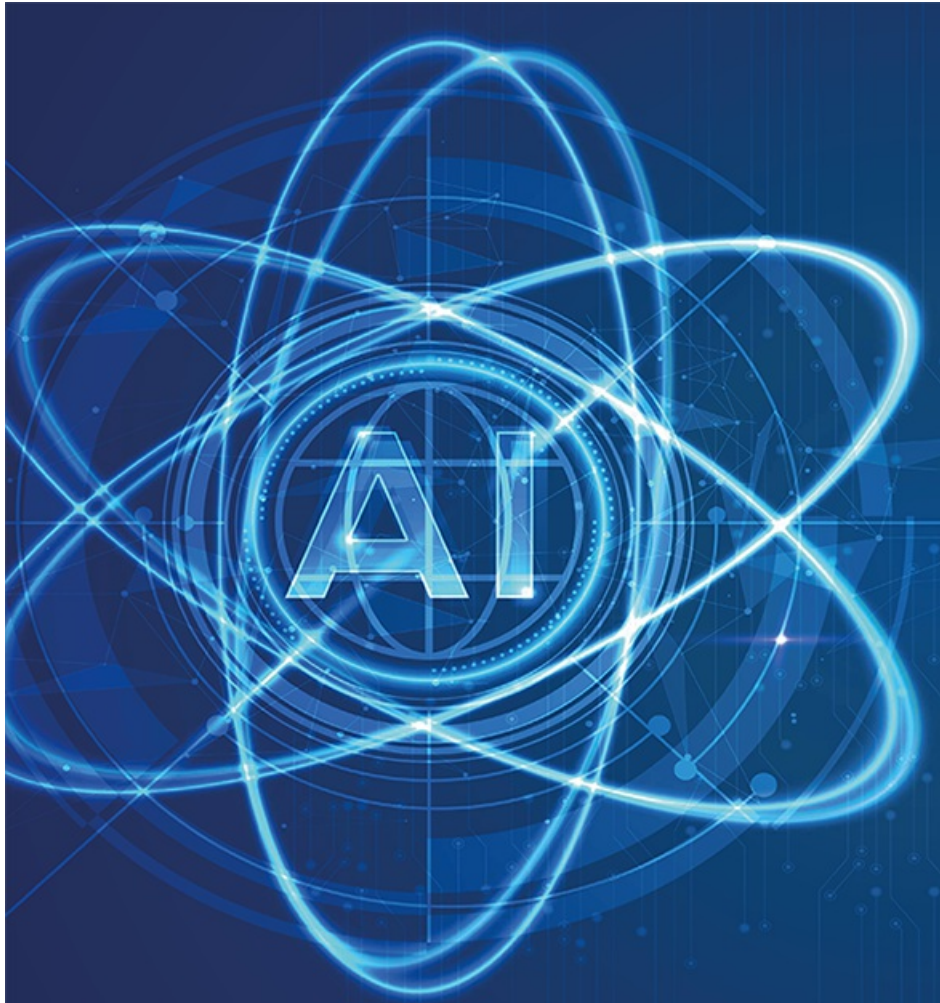


"Build Your Own AI"

English Guide



1) Summary

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2) What is?

This is a Software of an Artificial Intelligence. You can use it like this (it's not really good) or edit it following the section 5 rules

3) How to use it?

You can use it just clicking two times on 'AI.py'. After loading it'll open a window. You'll have a textField, a name, an image and a button. The name and the image are the name and the "face" of the AI. You can talk with it writing in the textField and clicking 'send' button to send the message. After elaboration the AI will answer you. (If you use it without edit it, it's not a really good AI). The first elaboration since when you open the program is always slower

5) How to edit it?

You can edit lots of things.

The file 'name.txt' is the name of AI, just write in it the name you want the AI to have.

The file 'lang.txt' is the language of AI, edit it with sigle of the language you want.

The file 'propic.png' is the "face" of the AI, you can change it with everything, you just need to remember to call the new pic 'propic.png'.

The file 'intents.json' is the heart of the AI, you can change it as you wish, also in different language; You can add words, the 'tag' part, is a tag of the class, you can give a name you wish, but EVERY TAG NEED A DIFFERENT NAME, the 'patterns' part is the sentences the user can say. The responses is the answer that fit for that pattern. Like you have greetings tag. Patterns could be hello, hi, hello there, hey, wey... because all of these have same meaning. The Responses could be "i'm here", "welcome", "i missed you" and others that are responses for a greeting. Let context void. To add new group of words copy from { to } and edit tag, patterns and responses. Remember to separate every group with , but don't write the separator in the end of the last group. You can get an easily template in 'Guide/intentsTemplate.json'. Remember to call new file 'intents.json. After the update of the intents.json file you need click two times on 'trainer.py' and wait until it finish. This will update words, classes and models to prepare AI

The files inside the 'System' folder are for trainer.py and are little more difficult. The file 'values.txt' is the only one that matter to edit. The first value, before # is the 'epochs', the second value is the 'batch_size', the third value is the 'verbose', the fourth value is the number of times that an operation is tried again when have an error. For example, you ask 'How are you?', the AI can't understand, instead of crash it try to understand again. If understand it continue, otherwise try again. After tried that number of times it stop. Don't choose a too high number or the program will stuck when there is an error. The 'verbose' just say how the charger graphic sould look like. The 'batch_size' is a number of samples processed before the model is updated. The 'epochs' is the number of complete passes through the training dataset. The size of a batch must be more than or equal to one and less than or equal to the number of samples in the training dataset.

6) Can i edit the Whole Code?

Sure you can. Read the comments to know what every row do, but of course it will be harder and you should study enough Python first