Machine learning

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Chatbot

This is my first time doing a chatbot so I’m sorry if it is so messy but I have a lot of assignments to present and I also need to study for an exam on Friday.

I choose the Game of Thrones API and the DialogFlow tool. I made a chatbot on Slack because I could not create a facebook page and I had some problems with it. I made a simple python program that makes a http request gets data from the GoT API and makes a post to DialogFlow. I used the request library for requests and flask framework to make a response. I didn’t know how to make it the most efficient way, I mean to I wanted to store all characters in a csv file but then I need to read that file in dictionary and eventually I still need to use one so I skipped the saving in a file and I went with only the data stored in a list of dictionaries. How it works you may ask, well you enter the chat you write ‘character’ followed by the name of the character that you want to know more and press enter. I choose to get only the first 14 characters because it takes so much time to store each request in a list of dictionary, but ofc if you want to take all 583 or characters you can do that 😊 but you will wait for a long time. One more problem is that I used ngrok that makes my localhost public and every time you open it you need to type in this command ngrok http 5000[this is my port] and copy the URL that is generated, in DialogFlow -> fulfillment section-> Webhook. So if you want to test my chatbot pls contact me and I will start the ngrok for you.

Here is the slack invitation for the chatroom: [**https://join.slack.com/t/test-krx5439/signup**](https://join.slack.com/t/test-krx5439/signup?x=x-p646957552549-646957553365-650972449799)