

MapBot

MapBot is a text based conversational interface that aims to give users a new way to interact with Google Maps. Using Natural Language Processing, it analyses the user's intent and responds in the most useful way.

The chatbot uses Machine Learning to classify the sentences into chat, statement and questions. Further, they are distributed into multiple SQL tables based on the classification. This is followed by using grammar parsing to select the appropriate response to the user's input.

Technologies used:

- Python 3.6
- Stanford Core NLP
- NLTK
- NumPy
- Pandas
- MySQL
- Scikit Random Forest Classifier