PROJECT TITLE :CREATE A CHATBOT IN PYTHON

INNOVATION:

1. Preparing the Dependencies

The right dependencies need to be established before we can create a chatbot. Python and a ChatterBot library must be installed on our machine. With Pip, the Chatbot Python package manager, we can install ChatterBot.

2.Creating and Training the Chatbot

Once the dependence has been established, we can build and train our chatbot. We will import the ChatterBot module and start a new Chatbot Python instance. If so, we might incorporate the dataset into our chatbot's design or provide it with unique chat data.

3. Communicating with the Python chatbot

We can send a message and get a response once the chatbot Python has been trained. Creating a function that analyses user input and uses the chatbot's knowledge store to produce appropriate responses will be necessary.

4.Complete Project Code

We will give you a full project code outlining every step and enabling you to start. This code can be modified to suit your unique requirements and used as the foundation for a chatbot.

SOLVE THE PROBLEM:

To do this, issue the command "Pip installing chatterbot." This command will download and install the ChatterBot library and its dependencies. Once setup is complete, add the following code to your Chatbot using Python script or interactive environment to include Chatterbot: Imported from Chatterbot is ChatBot.

- Guide a visitor to the right place on your site.
- Identify the best product or service for their needs.
- Gather contact information for sales and retargeting.

- Gather data about customer interests and behaviour.
- Qualify them as MLQ or SQL and link them up to a sales rep.

CONCLUSION:

Chatbots are evolving rapidly and becoming more capable and diverse. They can offer many benefits and opportunities for individuals, businesses, and society.