

# **Assignment 4**

## **Chatterbot**

### **100 Points**

### **Due 4/14/22**

## **Abstract**

Create an intelligent agent using Python and the ChatterBot library.

## **Reference**

Before starting the assignment, review the ChatterBot library documentation.

ChatterBot Docs:

<https://chatterbot.readthedocs.io/en/stable/index.html>

ChatterBot Examples:

<https://chatterbot.readthedocs.io/en/stable/examples.html>

## **Assignment**

First, describe the problem and environment for your intelligent agent. For example, it may be a customer service chat bot. If so, briefly describe a scenario of your choosing, then describe the goals of your chat bot.

Next, describe the types of questions and answers your agent could be prepared to handle. Define a vary narrow criteria.

Using the ChatterBot library, create a basic intelligent agent. Use the ChatterBot examples to get started. Demonstrate your program.

Last, define the limits of this agent in terms of user experience. What would be required to make this a more usable agent?

## **Report**

Using the provided sample report, describe the problem and solution your intelligent agent addresses. Then detail the logic and process of your chat bot. Last, demonstrate your chat bot in action.

## **Deliverables**

Report described above and your Python ChatterBot source code.