GitHub Copilot

What is GitHub Copilot?

- GitHub Copilot is artificial intelligence tool that was created by GitHub and OpenAI and it is used to help users develop code in many different platforms by autocompleting the code for the user. GitHub Copilot uses code and comments from within the code to complete lines of code for the user. It is a pair programming tool used to help write code quicker and more efficient.

What algorithm does GitHub Copilot use?

- GitHub Copilot uses OpenAI GPT-3. OpenAI GPT-3 is a language prediction algorithm developed by OpenAI. It is built into the code editor and writes code by itself based on code the user has already written and comments put in the code by the user.

Where does the training data for GitHub Copilot come from?

- GitHub Copilot's training data comes from OpenAI Codex, which was trained on billions of lines of code that are publicly available. Copilot uses OpenAI Codex to suggest and complete code based on lines of code from the training data.

How did we use GitHub Copilot in this project?

- We used GitHub Copilot to assist in writing some of the code for the Deep Q Network. When we wanted to create the class for the Deep Q Network, we typed out that class and then GitHub Copilot helped fill in the code for that class.