Based on the activity, what is machine learning? - After Level 1

Machine learning is a method of automating human-level decisions. With some training and proper implementation, a computer using machine learning will be able to accomplish what only a human would be able to in this complex, non-binary universe.

How did the AI do? How do you think it decided what to include in the ocean?

The AI was easy to program, all it took was patience and accuracy in the training process. The way I decided what belonged in the ocean was by seeing if it had eyes. If it did, then it was likely a living creature and it belonged in the ocean (notice the chicken leg does not belong)

How do you think your training data influence the results that A.I. produced?- After Level 5

The training data directly correlated to what the AI produced. If I gave it a wrong answer, I would see it show up in the results. This forced me to go back and continue training it.

How could biased data result in problems for artificial intelligence? What are the ways to address this? - After Level 7

Bias data could cause the AI to do things opposite than what it was meant. For example, someone may say that the chicken leg belongs in the ocean because it *was* a living creature. To address this, enough data must be provided to counteract the bias of some sources.

Open question: What is a problem you care about that artificial intelligence could help to solve? - After Level 8

A big problem I care about is energy consumption. A house suited with AI could detect if there is anyone in the house and adjust a handful of variables to save energy, such as turning off the lights, closing curtains, turning off appliances, etc.

Reaction Piece

This Code.com assignment was very simple for a computer science major, but I understand that the class is meant for non-programmers. Nonetheless, I think turning it up a notch would not hurt/phase students. I was not surprised by anything in this assignment, but it was nice to see how it could be taught to elementary students and get them excited about a new tech. This project put a strong emphasis on the ethical concerns of the technology, which I appreciated. Everyone should care about the implications AI, because eventually, everything will be tied into it somehow.