

AI for Oceans Activity Guide

1. Where have you seen or experienced artificial intelligence in your lives? Examples from the video include: I've seen artificial intelligence on my phone, and on my tv. Examples are that my phone can recognise my face so I can unlock it, and it remembers what I watch so it can give me a recommendation of videos. On my tv, my recommendation for netflix is based on everything I like.

After Level 3...

2. How well did A.I. do? How do you think it decided what to include in the ocean? A.I did good. He did mess up a few times and put fish in with the trash. I think he decided what to include in the ocean by learning off of what I put for fish and none fish, so he basically imitated me.

3. How do you think your training data influence the results that A.I. produced? I think my training data influence the results that A.I produced by making his accuracy of finding the difference of the fish and plastic after he watched me sort the fish and trash.

After Level 7

4. Think back to the examples of artificial intelligence we discussed at the beginning. Think of a time where machine learning might have got something wrong in the real world? A time when machine learning could have got something wrong in the real world was when it was sorting something, kind of like when A.I. was sorting the fish. When candy is getting sorted into bags, the machines might mess up and put another type of candy in the bags and you might come across this at some point.

5. How could biased data result in problems for artificial intelligence? What are ways to address this? Biased data could result in problems for artificial intelligence because if a certain piece of data is very popular, the other data won't be known which could cause a really important problem to not be fixed. Ways to address this is by making all data clear and putting the most important problems or events first so that the other less important ones aren't getting favored.

Lesson Wrap Up

6. What is a problem you care about that artificial intelligence could help to solve? One problem I want artificial intelligence to solve is help make sure that all plastic is going into the recycle bin. These machines could help save our planet by sorting the trash that's not in the correct bin.