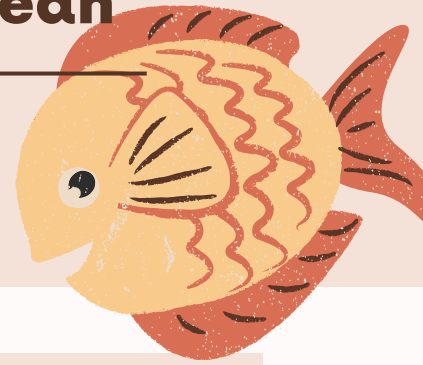
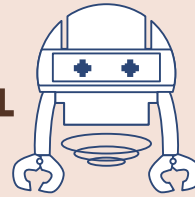


Pattern Recognition : The Ocean

MSC2022
COMPUTATIONAL
THINKING



→ Part 1

Computer can affect your daily life.
True Artificial Intelligence (A.I.) is a decade away.
Experience equals to a lot of data.

Part 2 ←

Training the A.I. to identify either it is fish or garbage.

The A.I. will process image and identify pattern.
If i make a wrong choice, the A.I. will repeat my mistake.

→ Part 3

The A.I. just identify fish and NOT identify other ocean creature.
The A.I. just learn what data we put on it.

Part 4 ←

Training the A.I. to identify other ocean creature and not
only fish except garbage.

→ Part 5

Training data and bias.
The A.I. or machine learning get a data from people.
The data is a code, the better data you provide, the better computer will learn.
BUT it also can be problem with computer prediction.

Part 6 ←

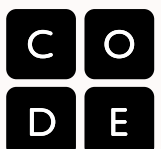
Training the A.I. to identify more data like what colour is
the fish or what shape is the fish.

→ Part 7

Impact and society.
The A.I. improve how we grow food, manage natural resources, diagnoses disease and create new medicine.
BUT the A.I. also can be used in the wrong way.
We should not use prejudiced training data on A.I.

Part 8 ←

Teach the A.I. to identify the word to pick fish that match
from that word like scary fish.



References
<https://studio.code.org/home>

