



AI Inputs: Images, Sound & Sensors

Name: _____

Notice what information the AI system receives and what it may miss.

An AI tool can analyze input patterns, but it does not automatically know what is outside its input.

The Rainy-Day Picture Sorter

Nora's class made an AI picture helper to sort apples and pears in garden photos. The helper had practiced with many bright pictures taken outside on sunny days. It sorted those photos well.

After the rain, Nora took a picture of a red apple in a shadow. The helper called it a pear. The fruit was still an apple, but the photo looked darker than the examples the helper had practiced with. The helper was using visual patterns in pictures; it was not tasting the fruit or knowing what Nora meant.

The class added carefully labeled pictures taken in shade and on cloudy days, then tried new photos. The helper improved, but it still made mistakes. Nora checked its labels before the class used them.



COMPREHENSION QUESTIONS

(1) What kind of pictures had the helper practiced with most?

(2) Why did the helper mislabel the apple in Nora's rainy-day photo?



(3) What did the class change or add to help the picture helper?

(4) Why did Nora still check the helper's labels?

