Wednesday Challenge Form

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Problem Statement: Design a device that can tell the difference a dog and a cat.

Approach: We would have two bowls of food, one with cat food and one with dog food. Then, the device would detect which bowl the animal goes for using touch-sensitive detectors. If the animal goes for the cat food, then the animal is a cat; if the animal goes for the dog food, then the animal is a dog.

Solution: The solution was to use water to determine whether the animal was a cat or a dog. Although, the flaw within that device is that it would not work with older cats.

Lessons Learned: If I were to do this again I would try to get more creative and possibly use the solution outlined above.