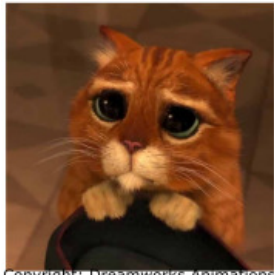# Introduction to Machine Learning

Ashis Kumer Biswas, Ph.D.

Let's start with a simple exercise…

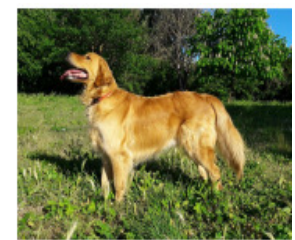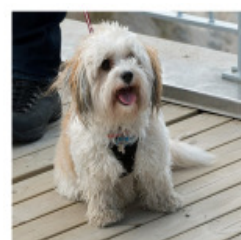## Photos of some cats
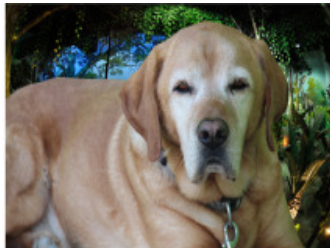

Photos of some dogs

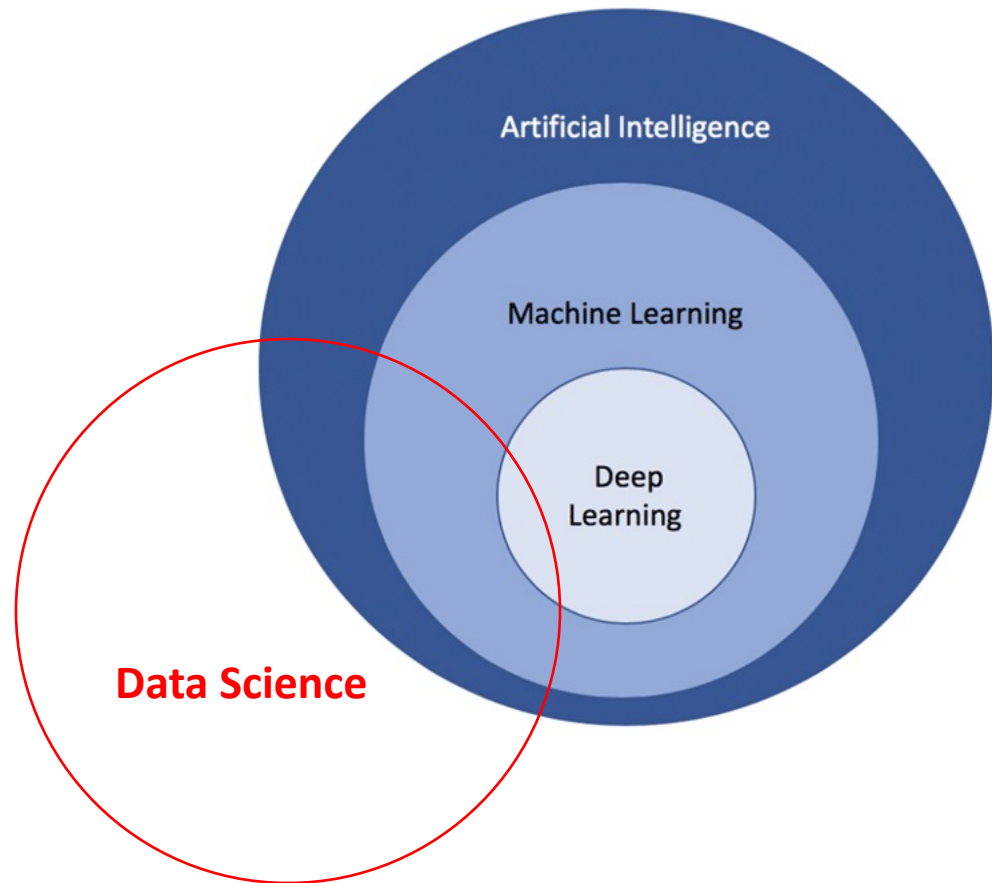# Test time

What's this?

Test time

What's this?

Satyajit Ray's
Last sketch

How many
portraits can you
spot?

Some Confusing Terms
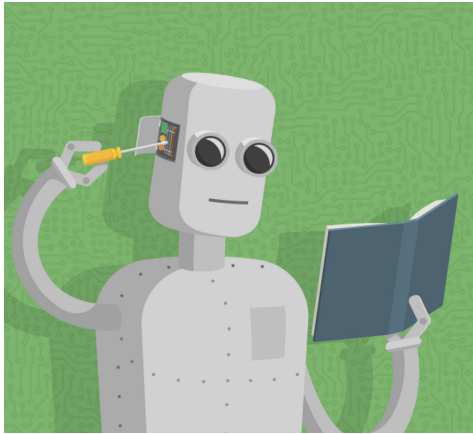
- Artificial Intelligence
- Machine Learning
- Deep Learning
- **Data Science**

Applications of AI

Everywhere.

It all starts with this analogy...

≈

- An AI driven machine is like a baby
    - Both needs to pass a training (i.e., learning) phase to make decisions.