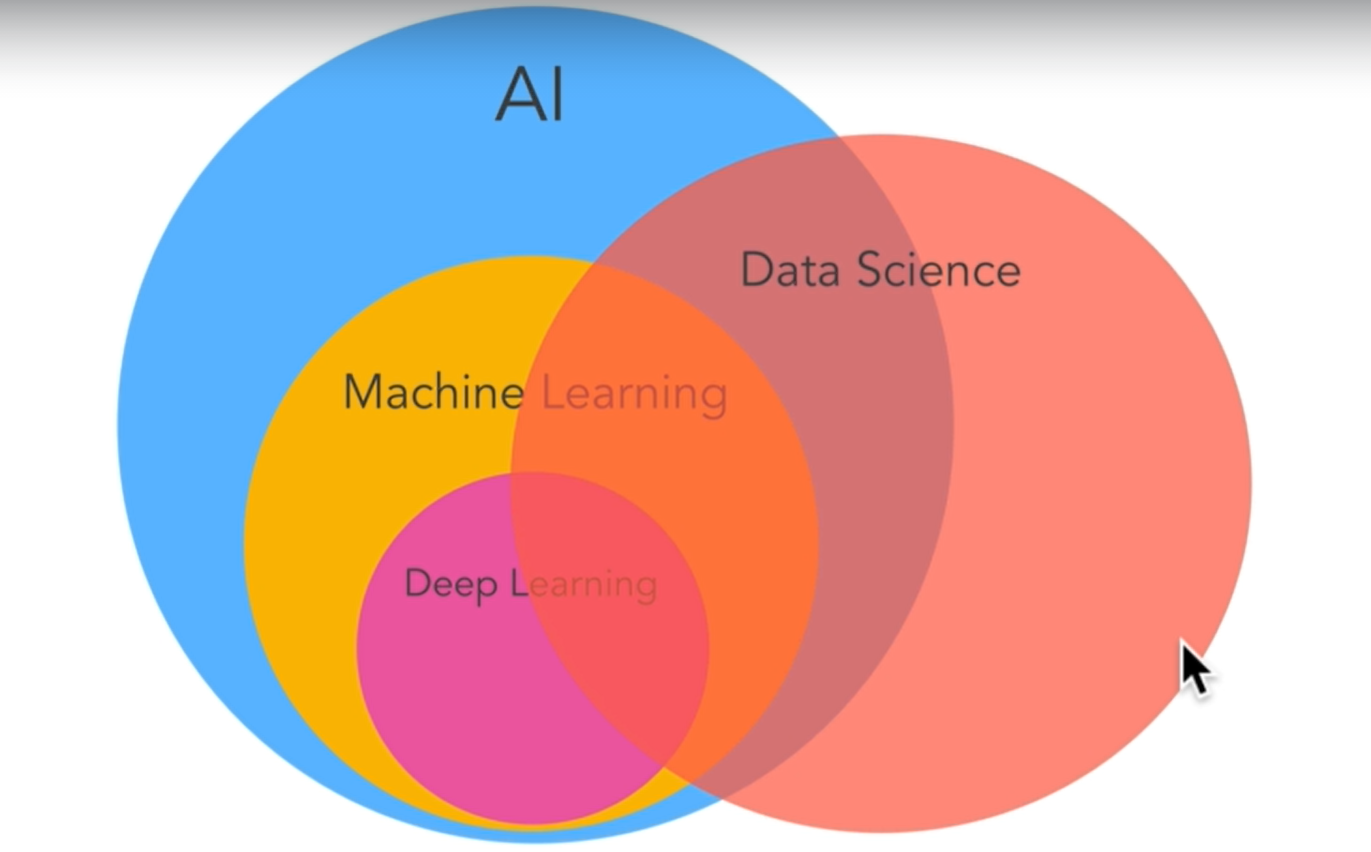
Machine Learning

# What is Machine Learning?

The goal is to make machine work like a human.

# What is AI/ML/Data Science



AI is also of two types:

1. Narrow AI – Currently present – Does a particular thing really well.
2. General AI – like humans, expert of all fields, not yet developed.

# What we are going to learn?



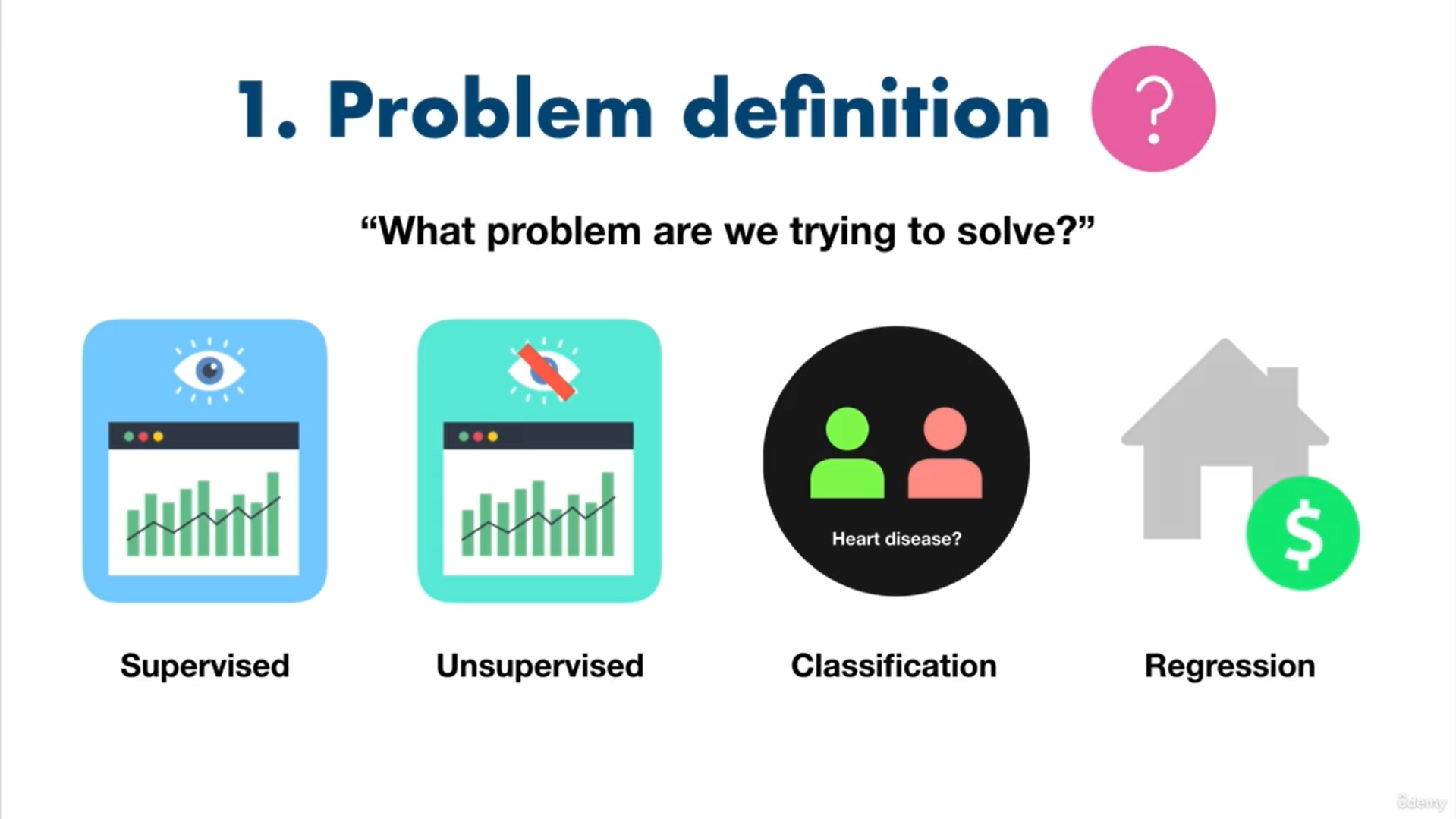
# Types of machine learning

1. Supervised ML: Here we have the dataset with features and labels, like in an excel sheet and we train a model based on that. Its like a teacher training a kid.
2. Unsupervised learning: Here we don’t have data with features and labels. The model will itself decide the clusters and associations.
3. Reinforcement learning: Its most commonly used in games, where the machine learns in real time. It is used for skill acquisition, etc.

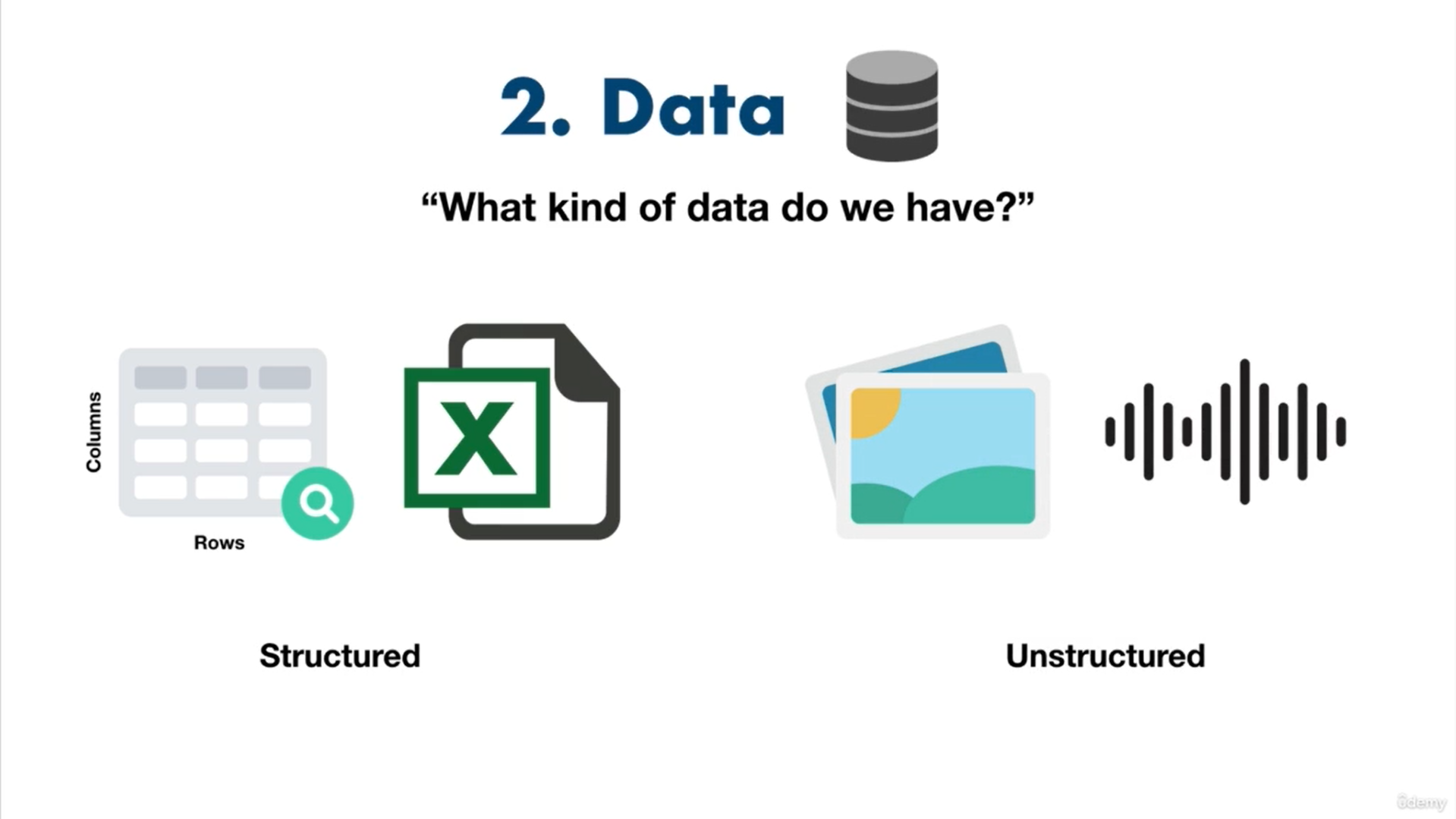
Machine learning is the art of figuring out instructions by giving an input and an ideal output. Traditional algorithms generate output given an input and set of instructions.

# Steps to start machine learning

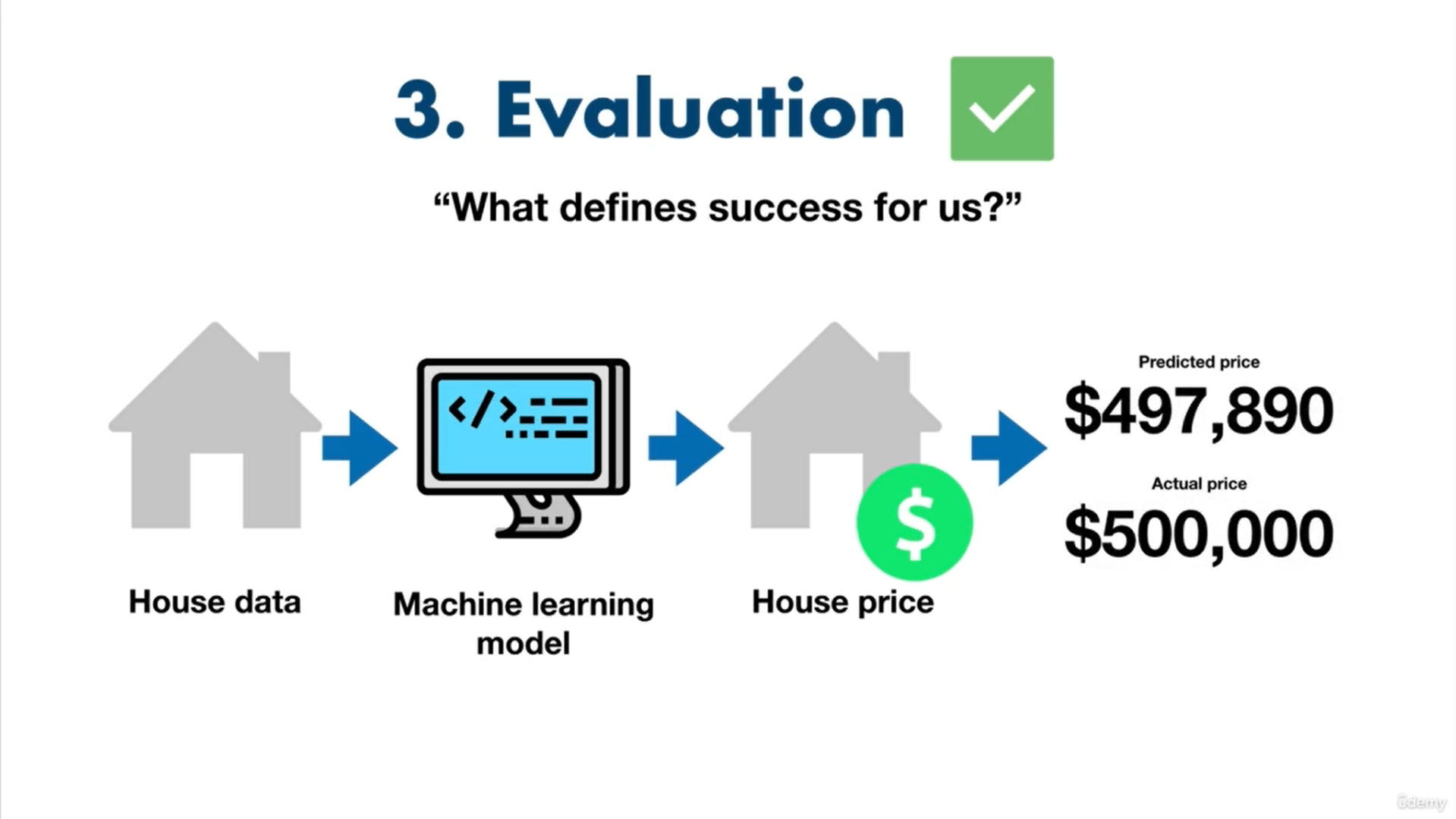
## Deciding on problem statement



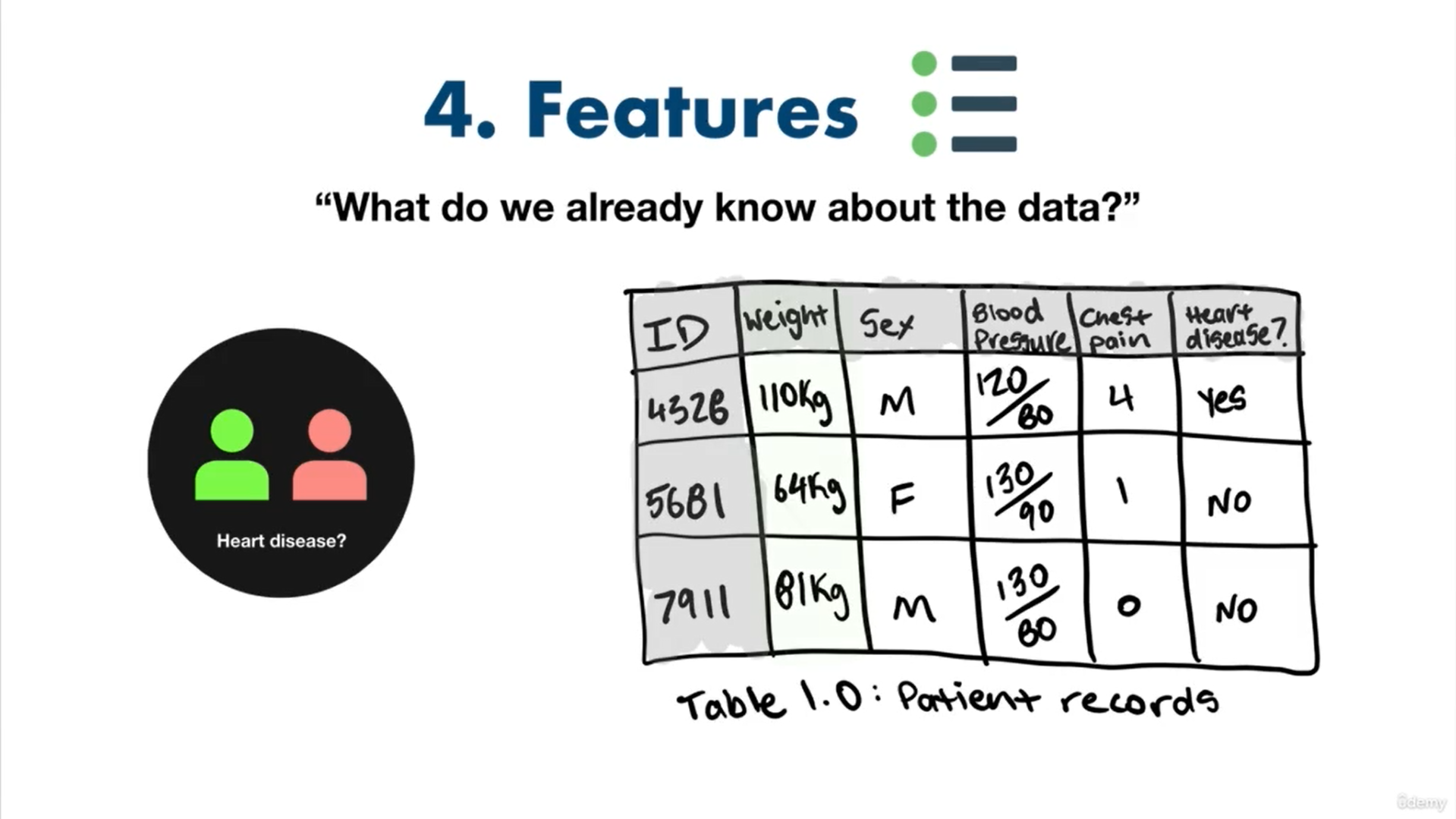
## Data



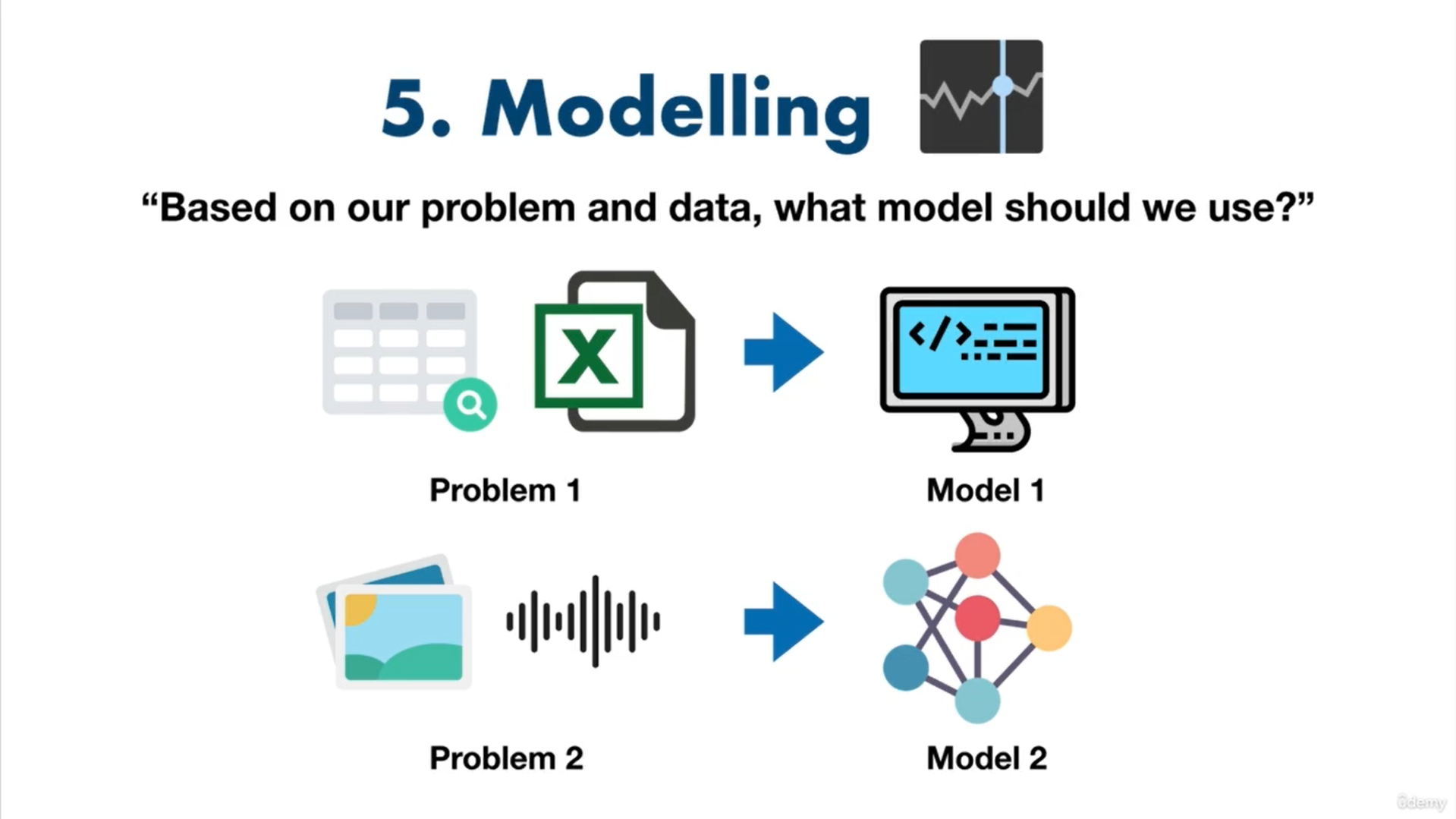
## Evaluation



## Features



## Deciding Model



## Experimentation

