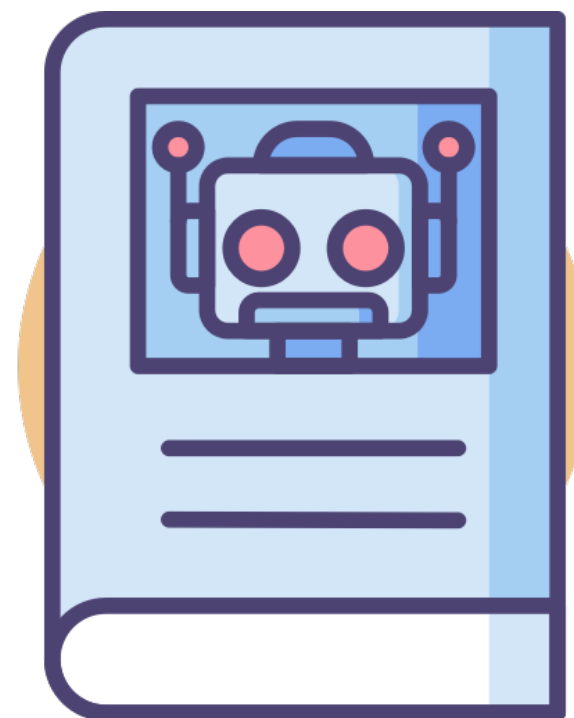
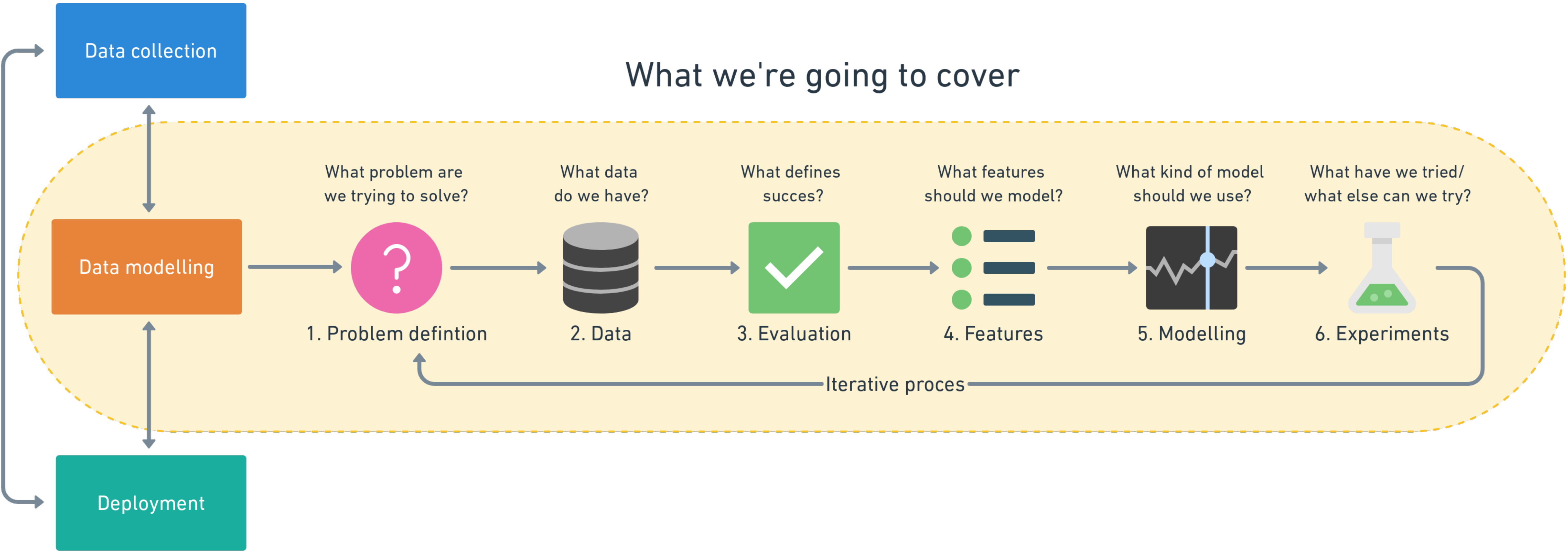


The framework we'll be using



Steps in a full machine learning project



1. Problem definition



“What problem are we trying to solve?”



Supervised



Unsupervised



Classification

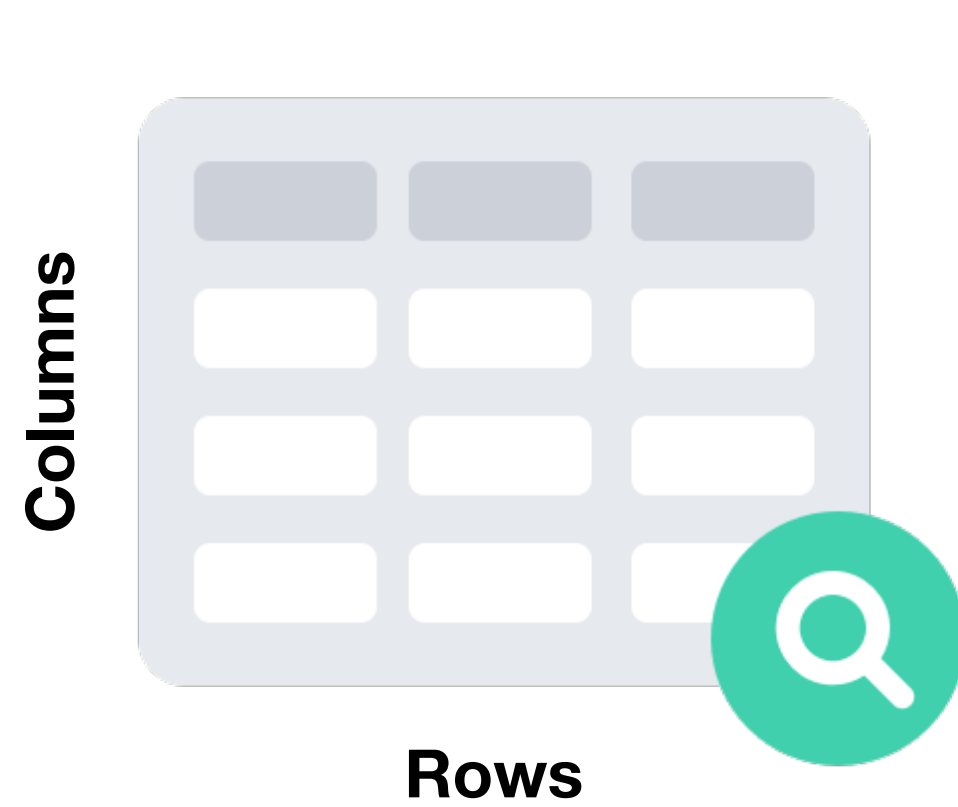


Regression

2. Data



“What kind of data do we have?”



Structured

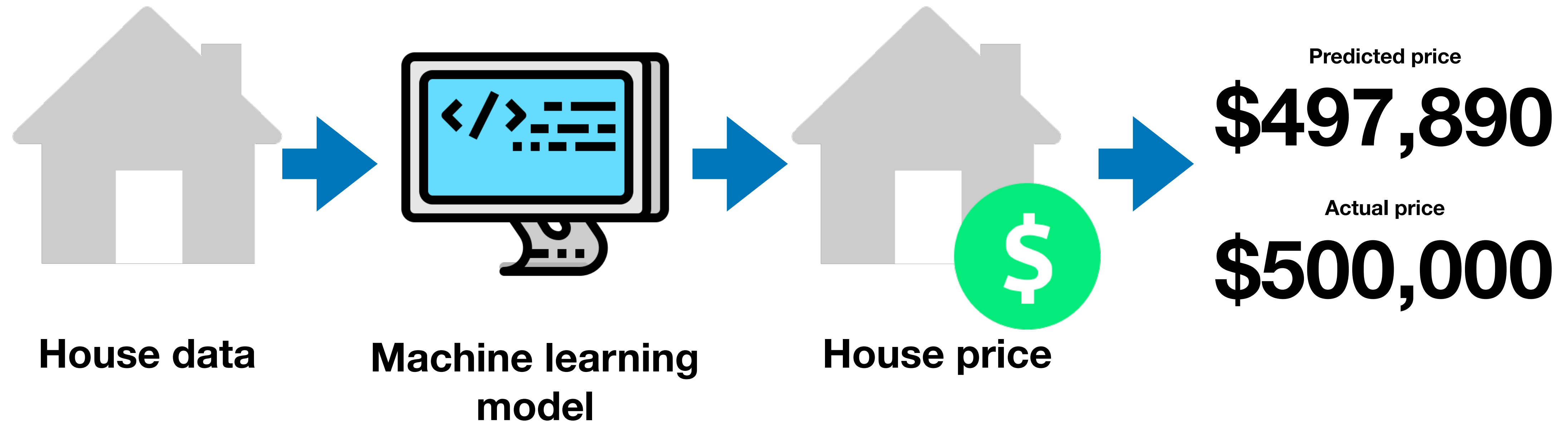


Unstructured

3. Evaluation



“What defines success for us?”



4. Features



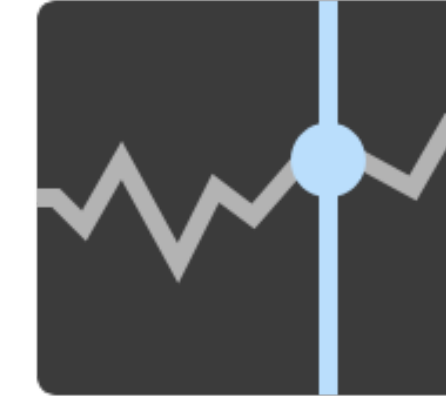
“What do we already know about the data?”



ID	weight	Sex	Blood Pressure	Chest pain	Heart disease?
4328	110Kg	M	120/80	4	yes
5681	64Kg	F	130/90	1	No
7911	81Kg	M	130/80	0	No

Table 1.0: Patient records

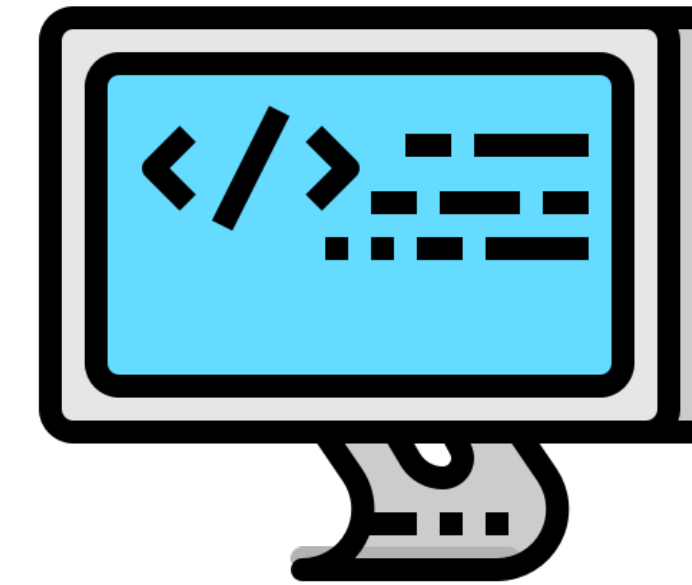
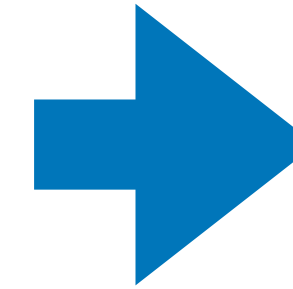
5. Modelling



“Based on our problem and data, what model should we use?”



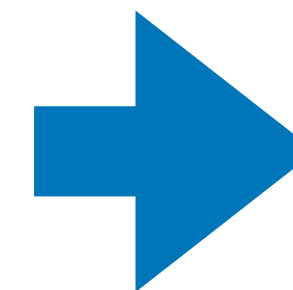
Problem 1



Model 1



Problem 2



Model 2

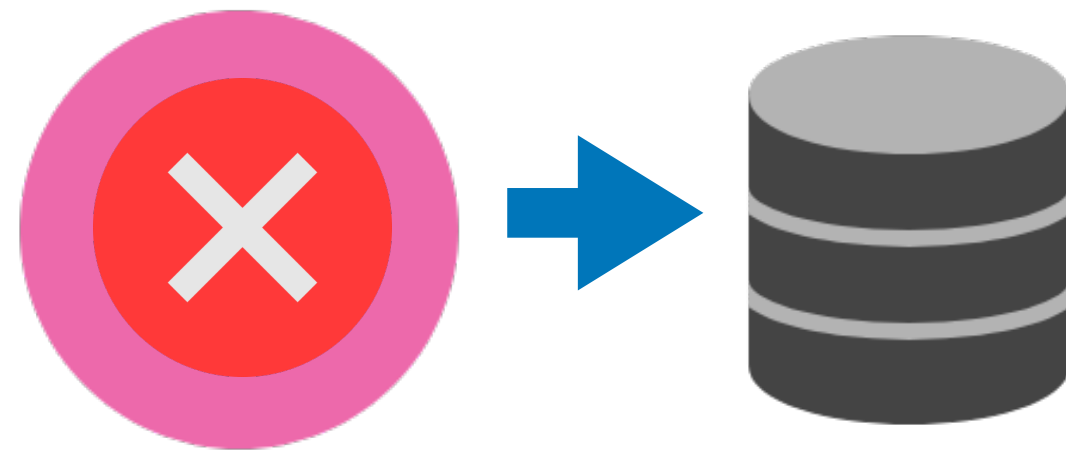
6. Experimentation



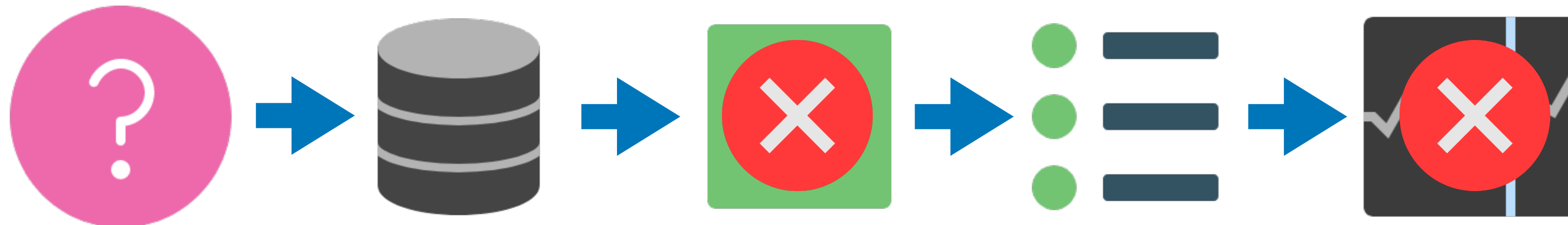
“How could we improve/what can we try next?”

Attempt

1



2



3

