PyTorch – freeCodeCamp – Basics of Pytorch – tensors and gradients

Difference between classical programming and machine learning

In classical programming, you set the rules and when data arrives the rules give you answers. E.g – if you need to find the shortest path, you must work out bfs or dfs and come up with answers.

In case of machine learning, you are given data and answers and the task it to figure out the rules. E.g – you are given two images of cat and dog and say that which is which. Now form a set of images of cats and dogs your algorithm must be able to discern cats and dogs.