18.1.1

Supervised Learning Recap

Your childhood friend, Martha explained a project that she may get put on at work and wanted to pick your brain about machine learning. You start your conversation by going over the part of machine learning you are most familiar with, supervised learning.

Supervised learning is fairly simple: We use it when we know what we're looking for or what our output should be. Two of the most popular techniques are classification and regression. For example, if we want to see how Bitcoin performs over time, or if we want to figure out what kinds of coins a user is most likely to buy, we use supervised learning. However, we use unsupervised learning when we don't yet know the question we're asking of the data. In other words, we just want to figure out if there is anything at all the data can tell us.

REWIND

In supervised learning, first a model is initiated, or a template for the algorithm is created. Then it will analyze the data and attempt to learn patterns, which is also called fitting and training. After the data has been fit and trained, it will then make predictions.

Which of the following are types of supervised learning? Select all that apply.

- [ ] Classification
- [ ] Linear regression
- [ ] Clustering
- [ ] Logistic regression

Check Answer

Finish ▶

GITHUB

Create a new repository for this module named "Cryptocurrencies" and clone the empty repo into your class folder.