Homework week 6 Machine learning

* Is it Supervised/Unsupervised/Reinforcement learning?
* What does the algorithm do?
* In which situations will it be most useful?
* (Optional) Can you find any examples of where this algorithm has been used?

Decision Tree

Decision Trees algorithms, are very old somewhere first created in 1985, the trees are built for the top down, their supposed to give a balance between accuracy and interpretability. Its supervised learning used in classification and regression methods.

An application of decision trees is in the use of demographic data to find prospective clients. They can help in streamlining a marketing budget and in making informed decisions on the target market that the business is focused on. In the absence of decision trees, the business may spend its marketing market without a specific demographic in mind, which will affect its overall revenues.