



Python Data Dive Activities Unit 3.4

Consider the Iris dataset, where the goal is to classify iris flowers into different species based on their features. The features, such as sepal length, sepal width, petal length, and petal width, serve as the state space, while the actions correspond to the possible classifications (e.g., setosa, versicolor, virginica). Applying a reinforcement learning approach, like Q-learning, could help the agent learn an optimal policy for accurately classifying iris flowers, with correct classifications receiving positive rewards and misclassifications incurring negative rewards.

Iris Flower Dataset: archive.ics.uci.edu/dataset/53/iris

