

The main technique that I used in my project is mainly supervised learning, mainly by implementing my own classifier, which in this case is K-nearest neighbors. This classifier uses euclidean distance to compute the K nearest neighbors, and I used the data from these neighbors to predict/classify the test data we have in hand. At this point, my algorithm is working as intended for the most part, except the accuracy is still quite low. There might still be some bugs in the implementation of this K nearest neighbors that causes the accuracy to be this low, I will definitely have to fix this bug before the deadline. At this point, I can confidently say that I am 85% done with my implementation.