Plots

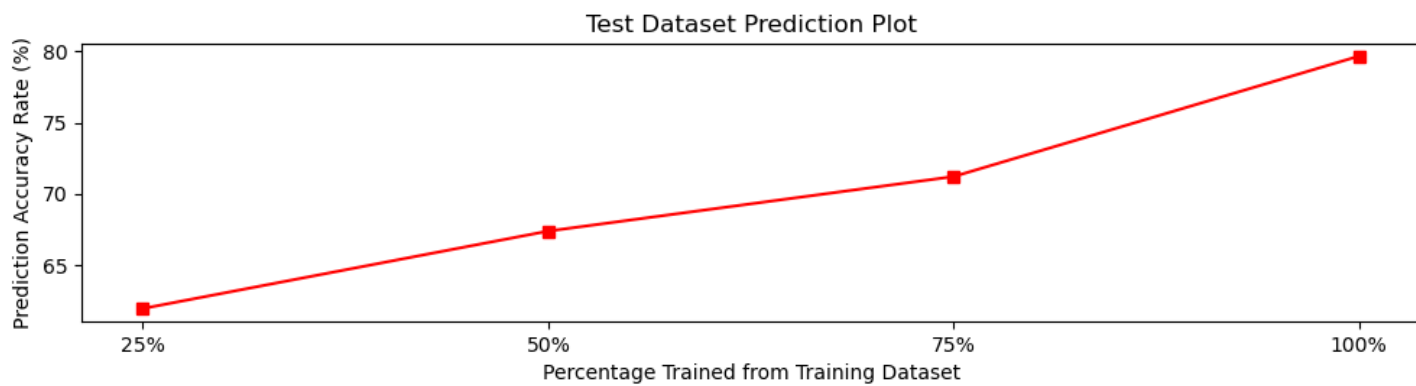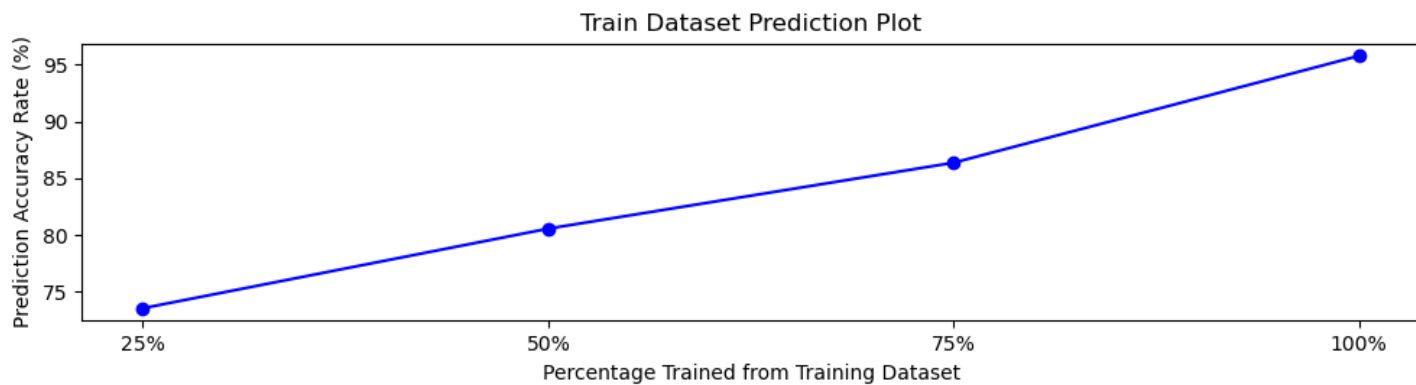### Train Dataset Prediction Plot

Test Dataset Prediction Plot

Discussion

As we trained on our test dataset, there was an improvement in the prediction of our Test and Training datasets, although predictions for the Training dataset were much better than for the test dataset upon subsequent training of new sections. This leads me to believe there was some noise in the data which prevented the Test Dataset's percentage from being higher. The parts of the project I found most challenging were debugging; I had two significant issues, one with counts and the other with checking if words in a sentence were in the vocab, which was making my predictions much worse than they should've been. I started using loops and print statements to find the errors and successfully resolved them. It made me realize how important good software engineering is in Machine Learning algorithms.