Test Plan –

As the implementation for this project consists of solely one large script file, it will be impossible to construct unit tests to assess the functionality of the neural network. Instead, I intend to adopt a two-pronged approach to determine whether the network functions as expected. First, I will run the script file in interpreter mode and manually extract movie reviews with positive, negative, and neutral sentiment. I will then inspect these reviews, and after reading them myself, determine whether the neural network has correctly classified them.

Second, I will rely on the heatmap generated on the script file to determine what proportion of movie reviews have been accurately classified as having negative, positive, or neutral sentiment.