1. TF hub is a hub of datasets in the cloud that we are using and accessing. We bring it down to our local computers, and then use it's data of movie reviews for our own modeling purposes.

2. The loss function we used is 'BinarlyCrossentropy'. Loss functions measure the amount of error, and work to decrease it with each epoch, therefore bettering the model. The optimizer function used was 'adam'. This works with the loss function by creating new estimations based on the output of the loss function. The loss function then analyses the new estimation and a cycle begins. The model turned out pretty well, but not great. It had an accuracy of 0.857 and a loss of 0.321.

3. The graph below demonstrates my training and validation loss. It decreases which shows that the model is improving, and there are fewer errors. The training loss performed better than the validation loss (you can tell because the dots are lower than the line as you move towards 10 epochs), but that is to be expected.
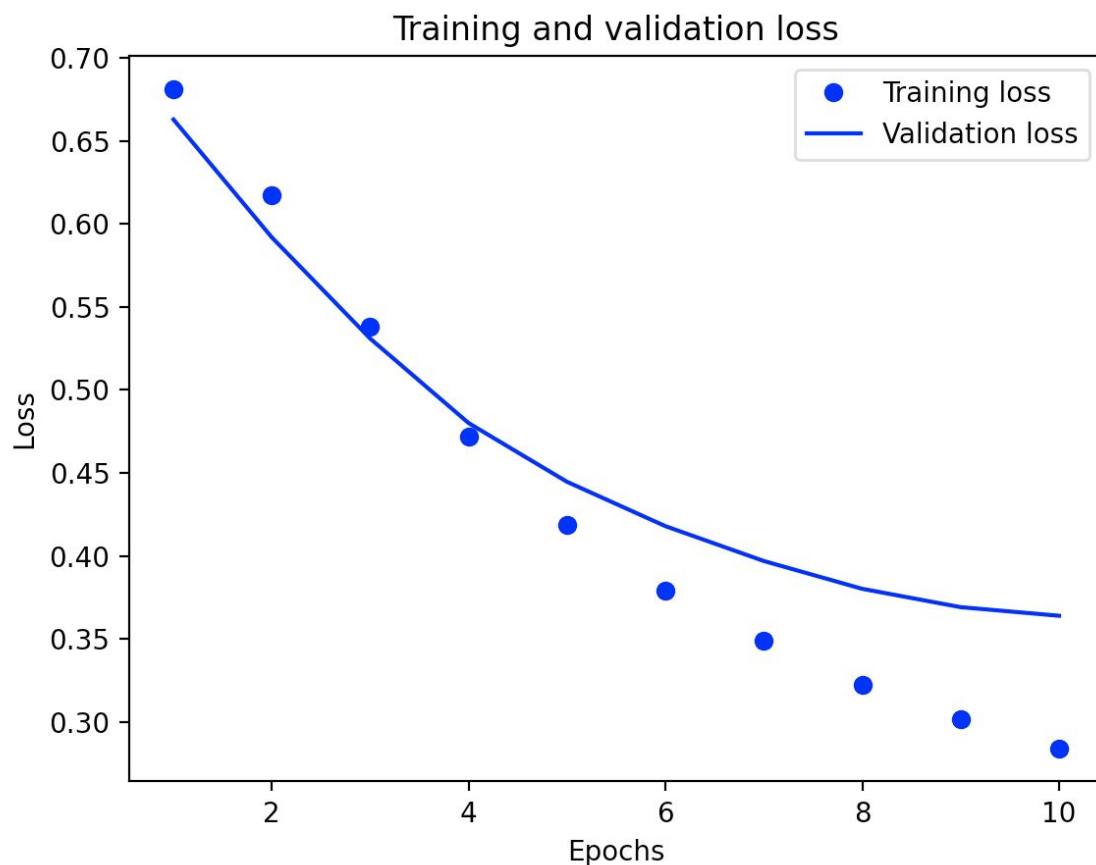
4. The below graph is my training and validation accuracy graph. This is increasing, since the accuracy increases with each epoch. The validation accuracy did not perform as well

as the training accuracy, but this is to be expected. You can tell because the validation accuracy line is not smooth and jets out in places. This is not to say it is not accurate -- it still generally follows the training accuracy.

Training and validation accuracy