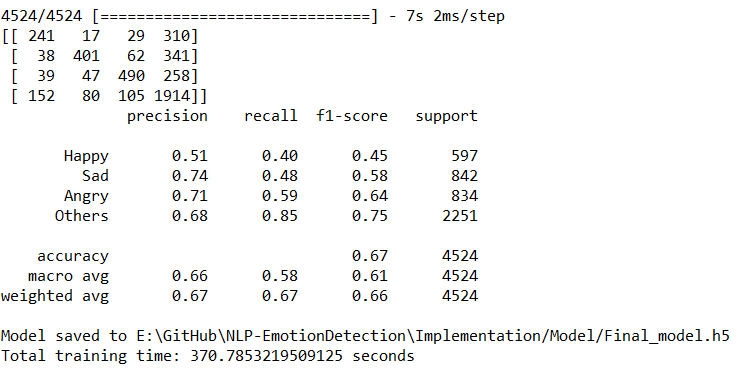
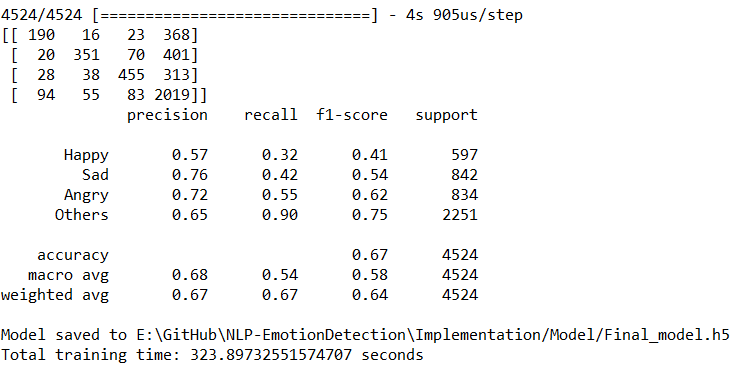
128, binary\_cross entropy

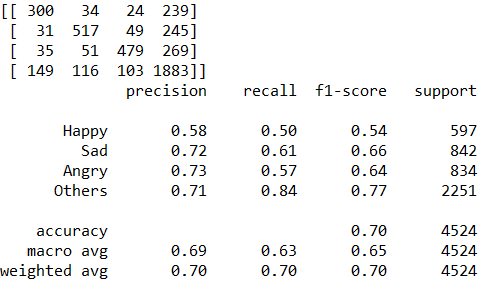


Categorical\_crossentropy

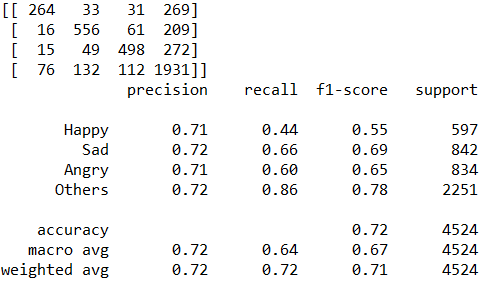


Preprocessed Data – Emoji replaced by labels

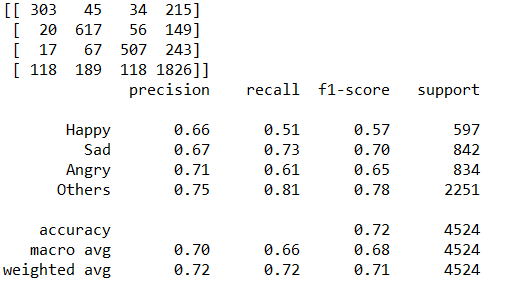
1.



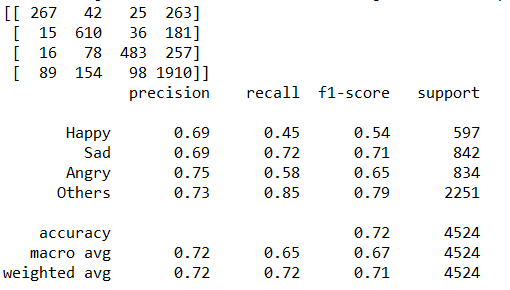
2.



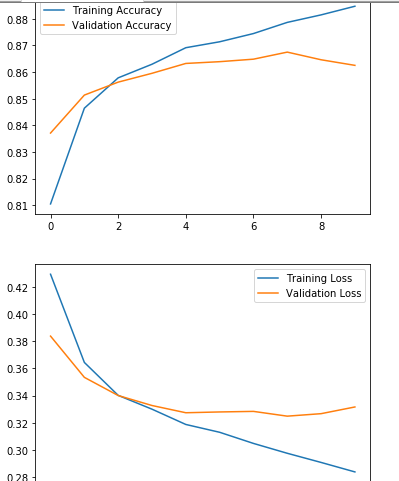
3.

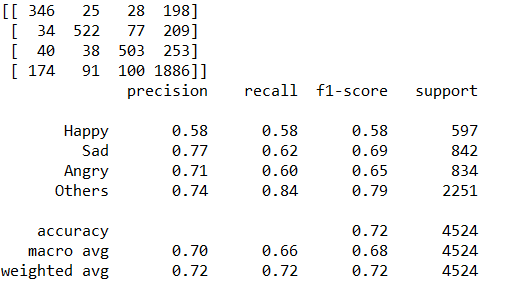


With 🙂, : ), (: and : - )

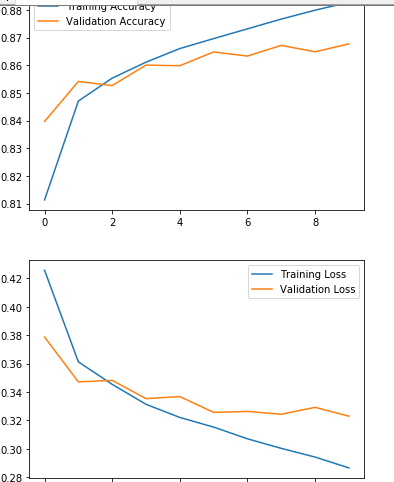


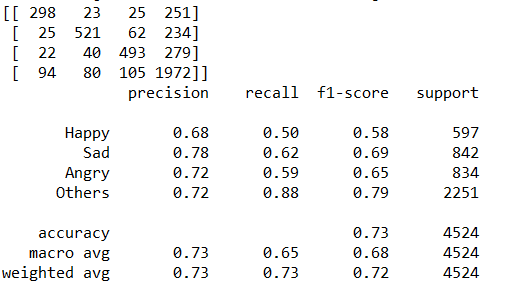
With 🙂, : ), (: and : - ) + filter special characters





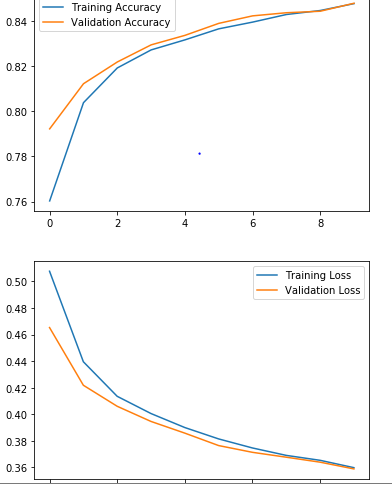
No 😊, filter special characters

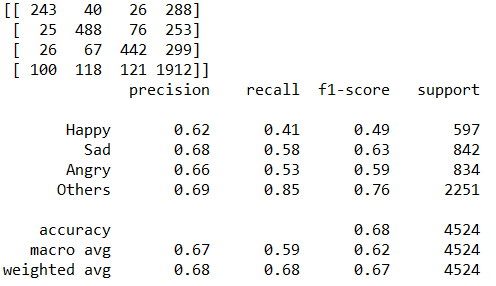




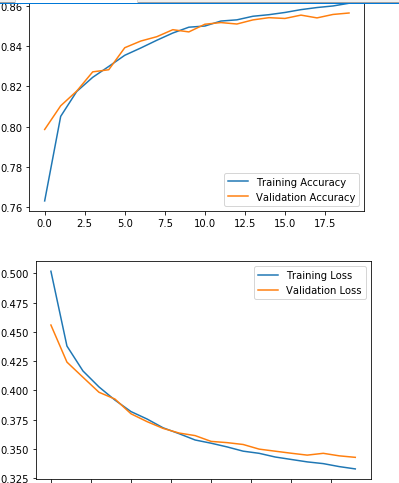
Adam optimizer:

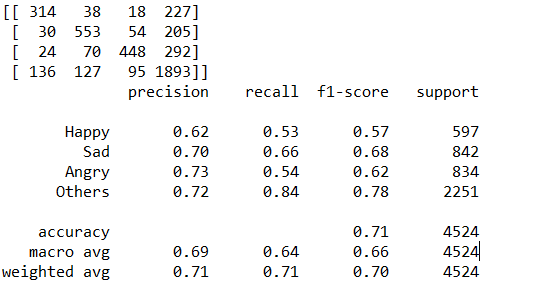
1. lr = .0001, epoch = 10



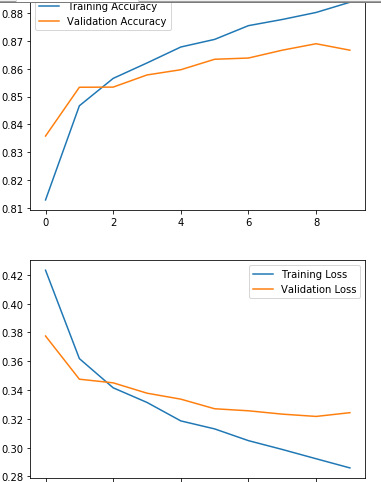


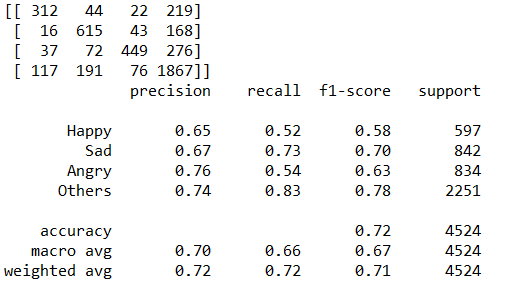
2. lr = .0001, epoch = 20



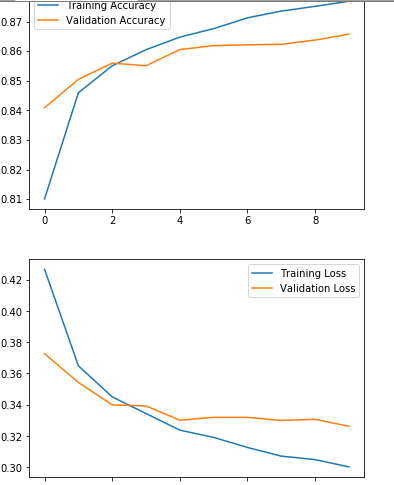


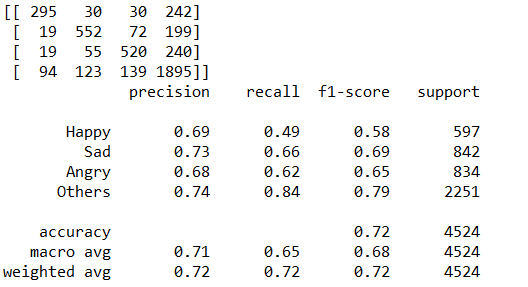
3. lr = .001, decay = 1e-4



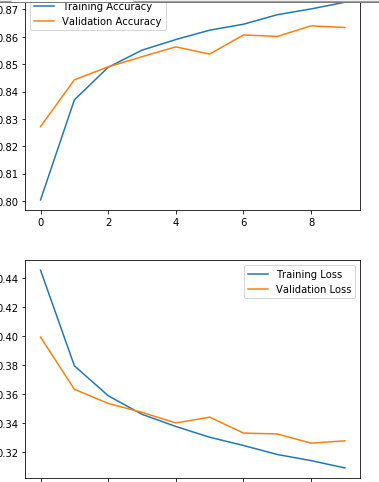


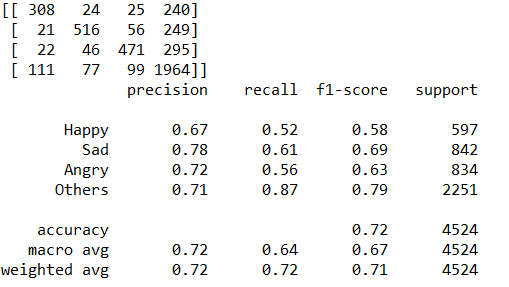
4. lr = .001, decay = 1e-3



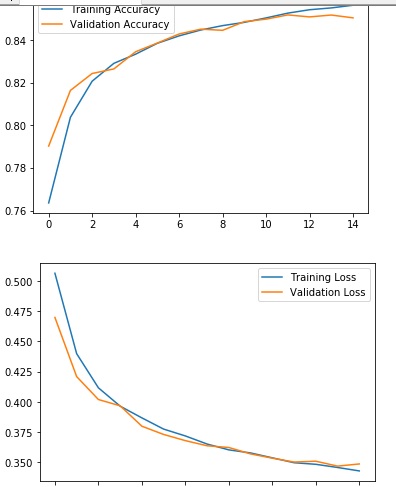


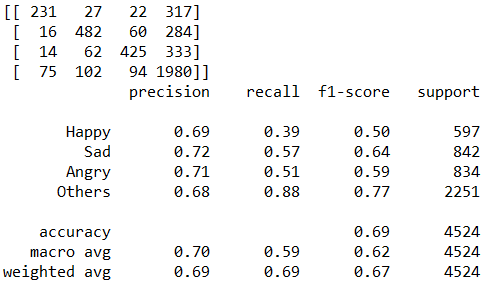
4. lr = .0005



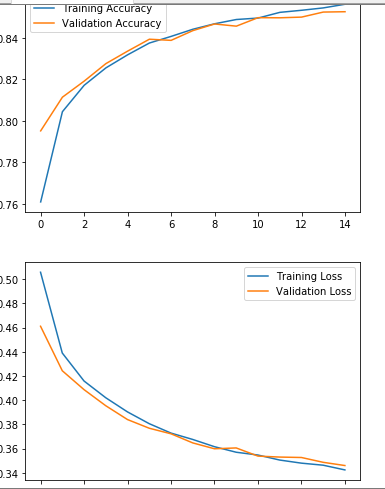


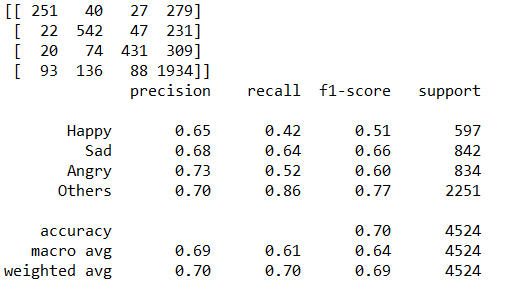
Adam optimizer (lr = .0001, epoch = 15), filter special characters, no 😊



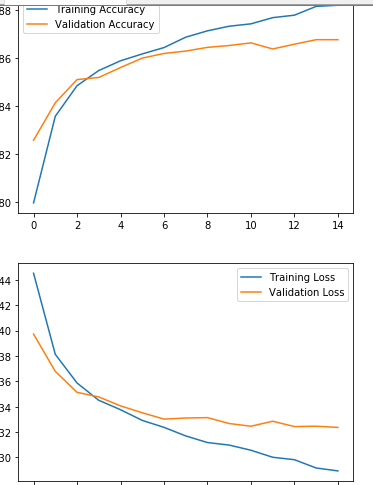


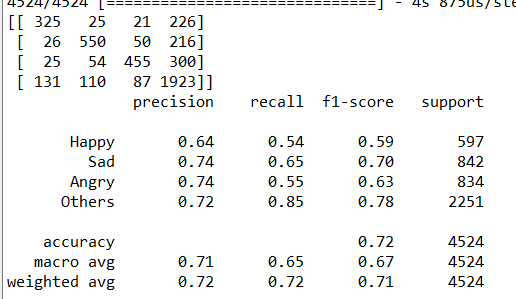
Adam optimizer (lr = .0001, epoch = 15), filter special characters, with 😊



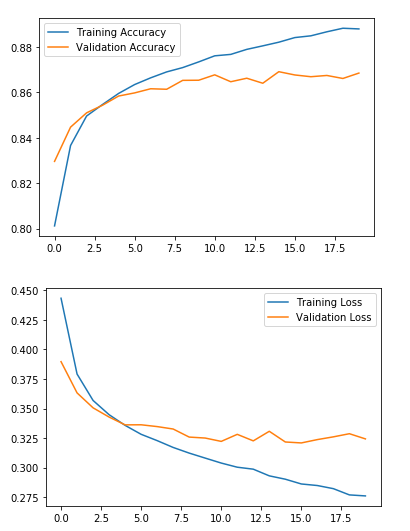


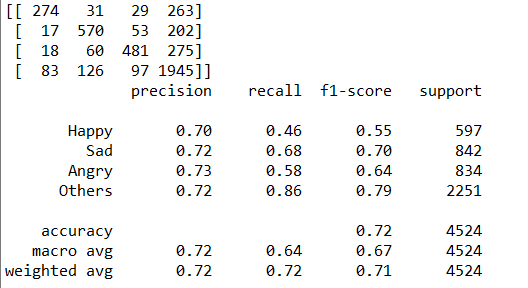
Adam optimizer (lr = .0005, epoch = 15), filter special characters, with 😊



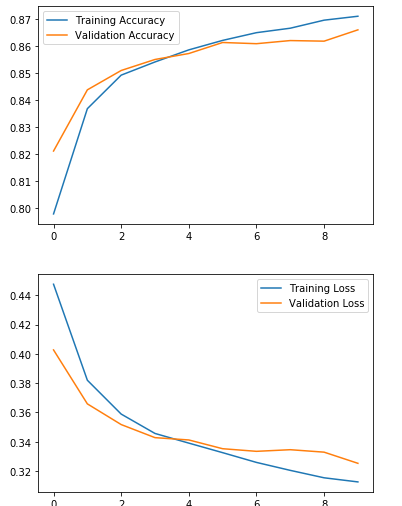


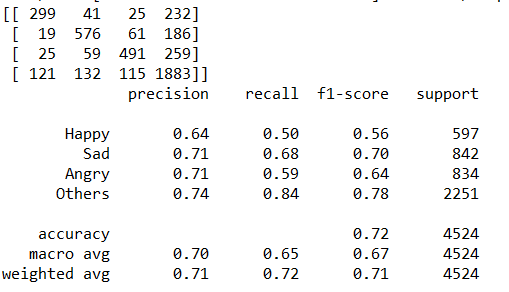
Adam optimizer (lr = .0005, decay = 1e-4, epoch = 20), filter special characters, with 😊



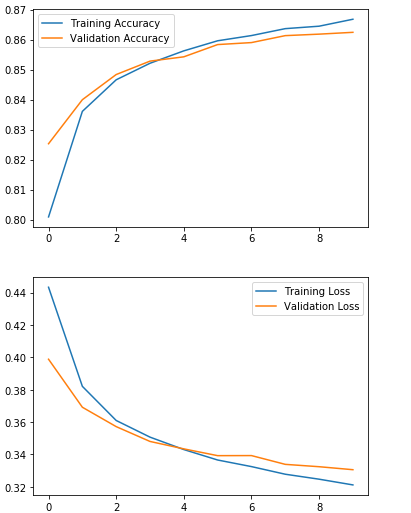


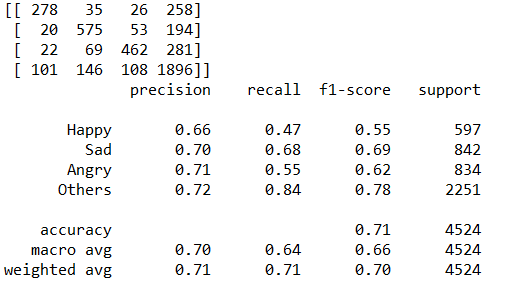
Adam optimizer (lr = .0005, decay = 1e-4, epoch = 10), filter special characters, with 😊



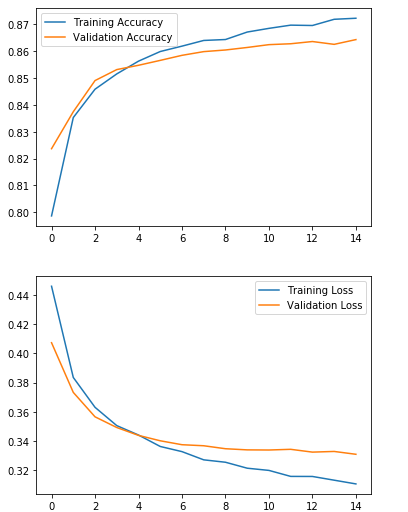


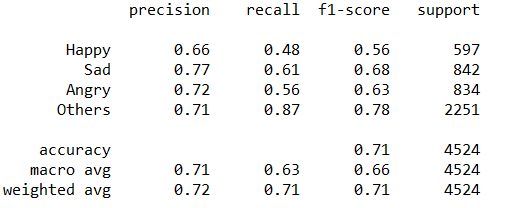
Adam optimizer (lr = .0005, decay = 1e-3, epoch = 10), filter special characters, with 😊



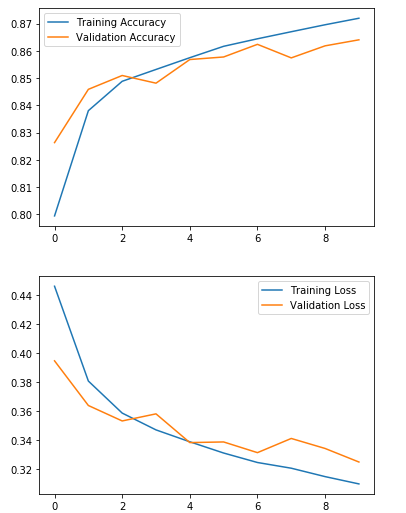


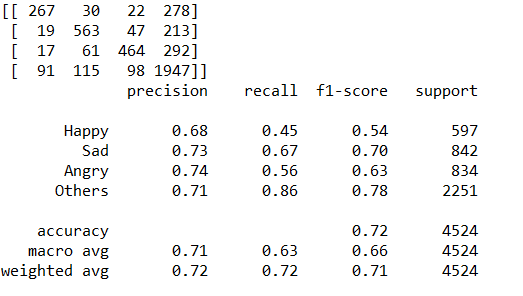
Adam optimizer (lr = .0005, decay = 1e-3, epoch = 15), filter special characters, with 😊



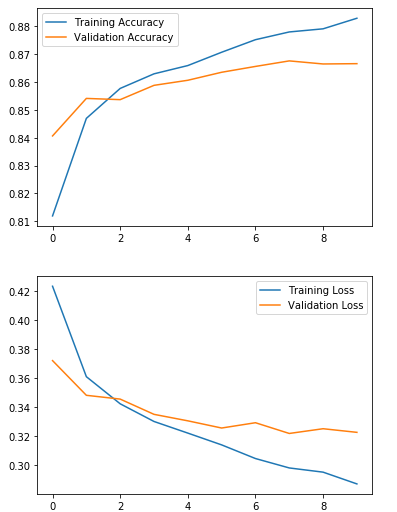


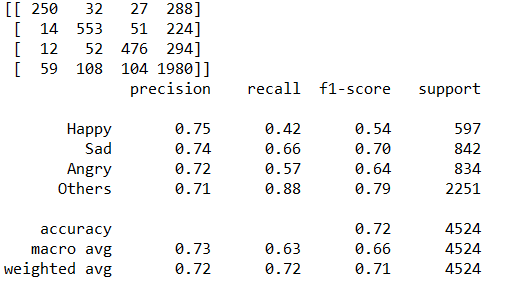
Adam optimizer (lr = .0005, decay = 1e-5, epoch = 10), filter special characters, with 😊



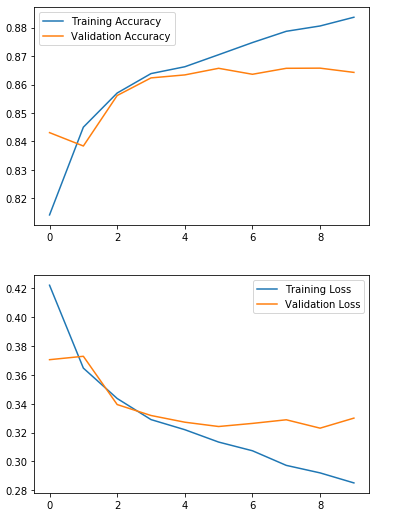


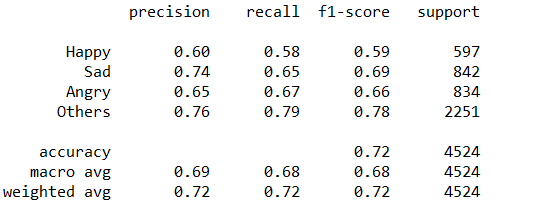
Adam optimizer (lr = .001, decay = 1e-5, epoch = 10), filter special characters, with 😊



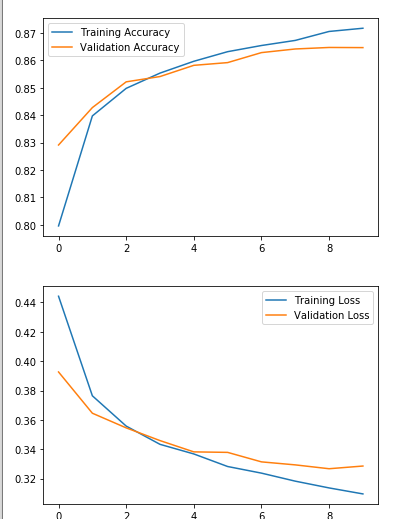


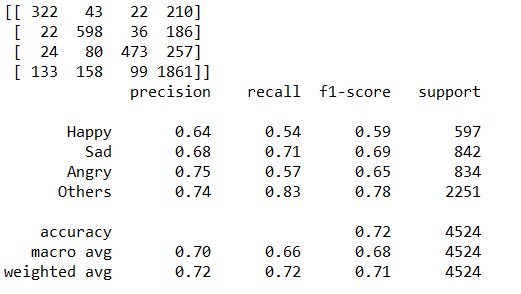
Adam optimizer (lr = .001, decay = 1e-5, epoch = 10), filter special characters, no 😊





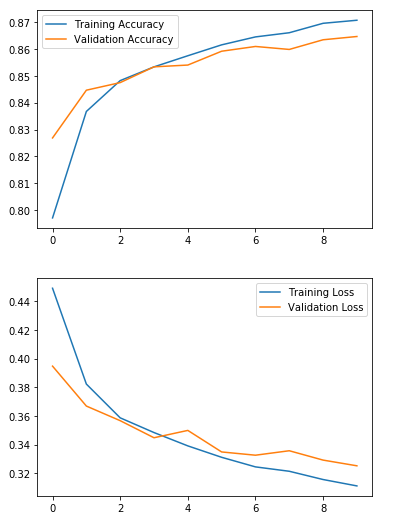
Adam optimizer (lr = .0005, epoch = 10), filter special characters, no 😊

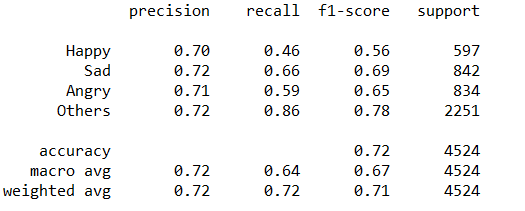




==========================================================================

1. Adam (lr=.0005, decay=1e-5), allow special characters, no smiley





2. Adam (lr=.0005, decay=1e-5), no special characters, with smiley

3. Adam (lr=.0005, decay=1e-5), no special characters, with smiley

2. Adam (lr=.0005, decay=1e-5), allow special characters, with smiley