

EXPLORING FINE-TUNING STRATEGIES FOR DISTILBERT GENERALIZATION



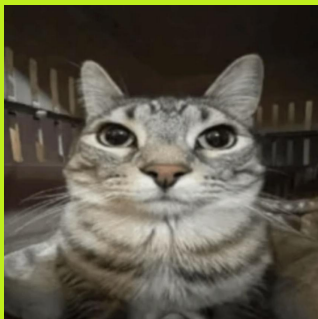
Ziyi Liu





HELLO, MEET YOUR HOST!

**DISTIL
BERT**

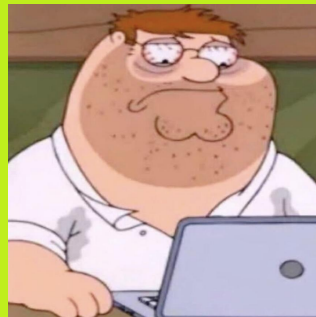


PLAYER 01

SMALL DISTILBERT

PLAYER 02

**SMALL DISTILBERT +
LORA**



PLAYER 03



**HANDSOME YOUNG MAN _
DISTILBERT + LORA**

HOW TO PLAY

- 01.** Train, validate, test on SST-5
- 02.** Fixed epochs, learning rate, batch size.
- 03.** Best accuracy and confusion matrix win.
- 04.** Faster model gets +10 points.
- 05.** No cheating on computational resources.

STANFORD SENTIMENT TREEBANK

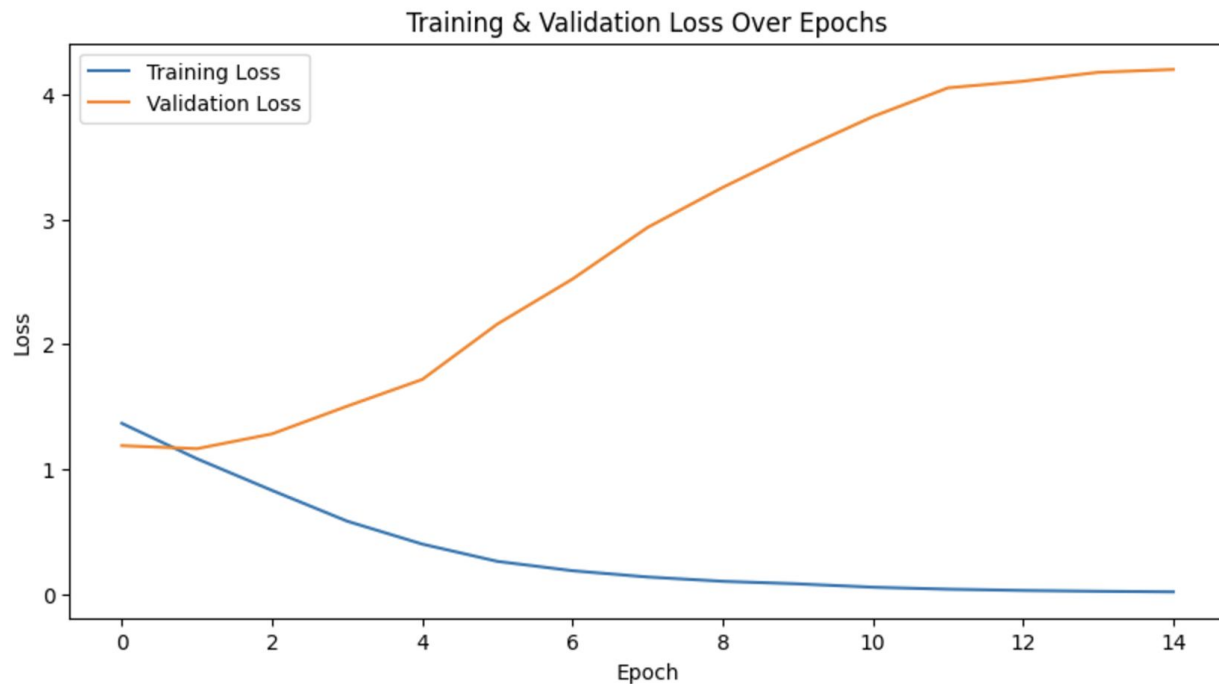


- 01.** 11,855 single sentences extracted from movie reviews.
- 02.** With 5 labels: very positive, positive, neutral, negative, very negative
- 03.** Train: 8.54 K rows
Val: 1.1 K rows
Test: 2.21 K rows

The background is a solid yellow color with several white, irregular, hand-drawn lines scattered across it. These lines vary in length and orientation, some crossing each other. The text 'LET'S PLAY' is centered in the middle of the image.

LET'S PLAY

HOST — DISTIL BERT

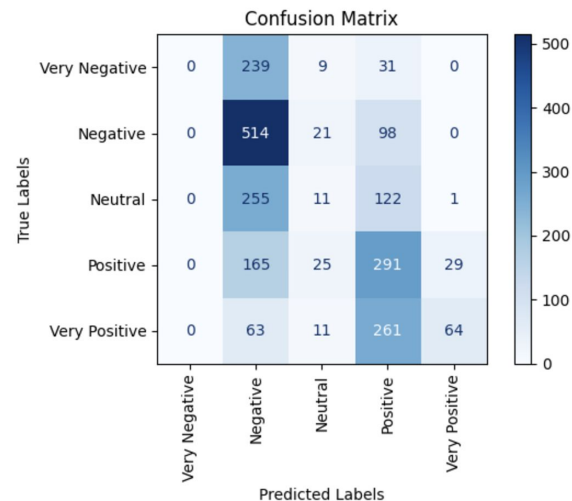


**'TEST_ACCURACY':
50.31%**



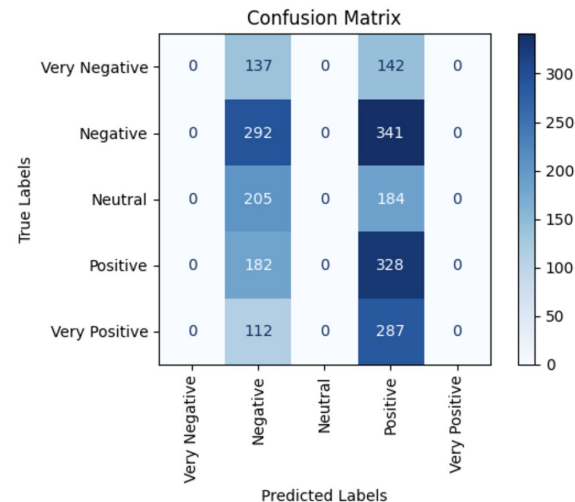
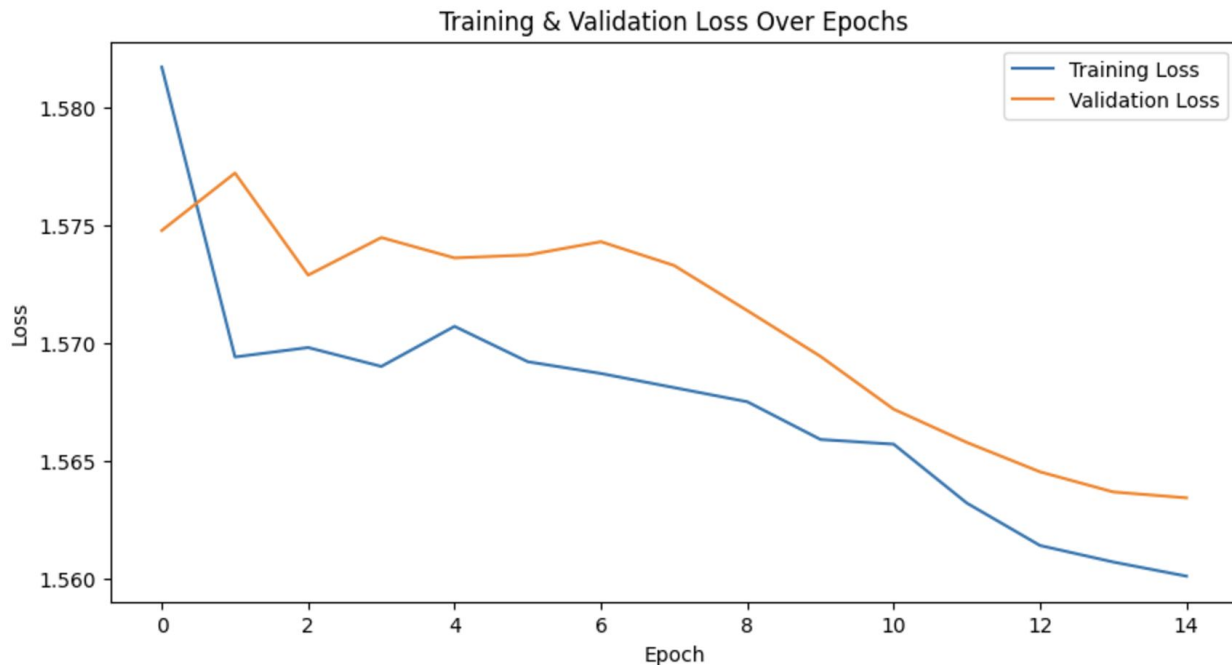
PLAYER01— SMALL DISTIL BERT

**'TEST_ACCURACY':
39.82%**

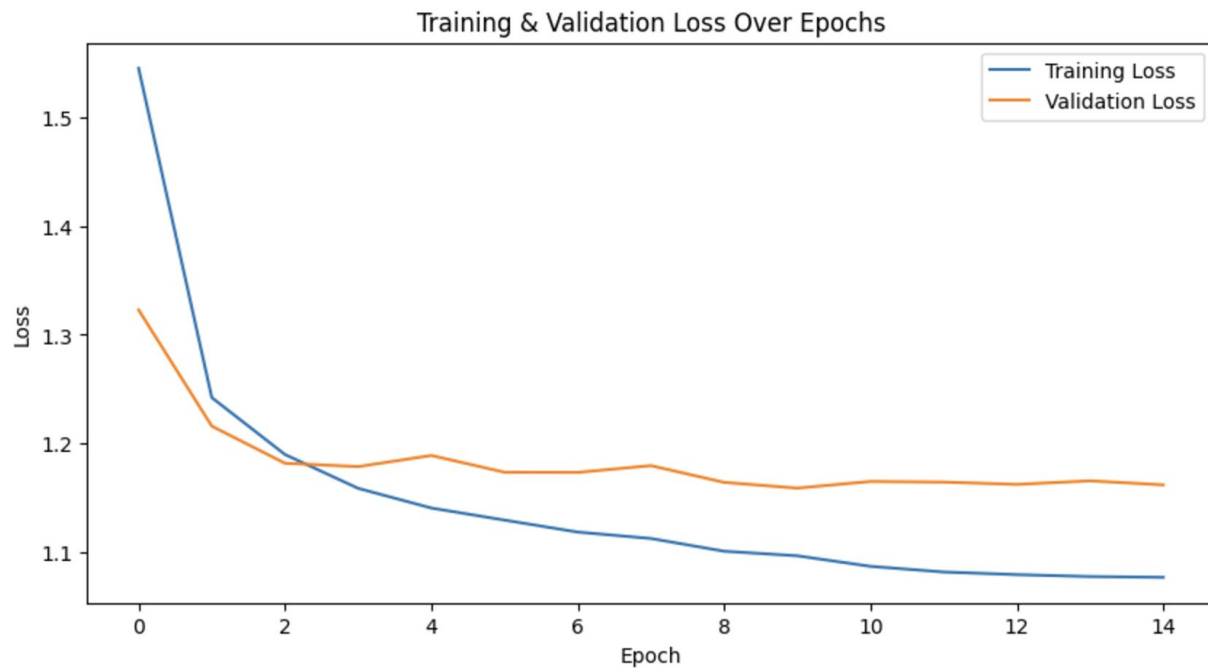


PLAYER02— SMALL DISTIL BERT + LORA

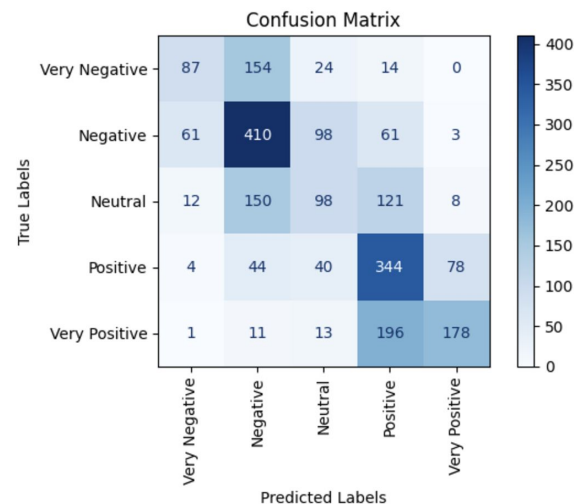
'TEST_ACCURACY':
28.05%



PLAYER03— DISTIL BERT + LORA



**'TEST_ACCURACY':
50.54%**



**SUBMIT
YOUR VOTE**



HANDSOME YOUNG MAN _
DISTILBERT + LORA

STICKER SHEET

