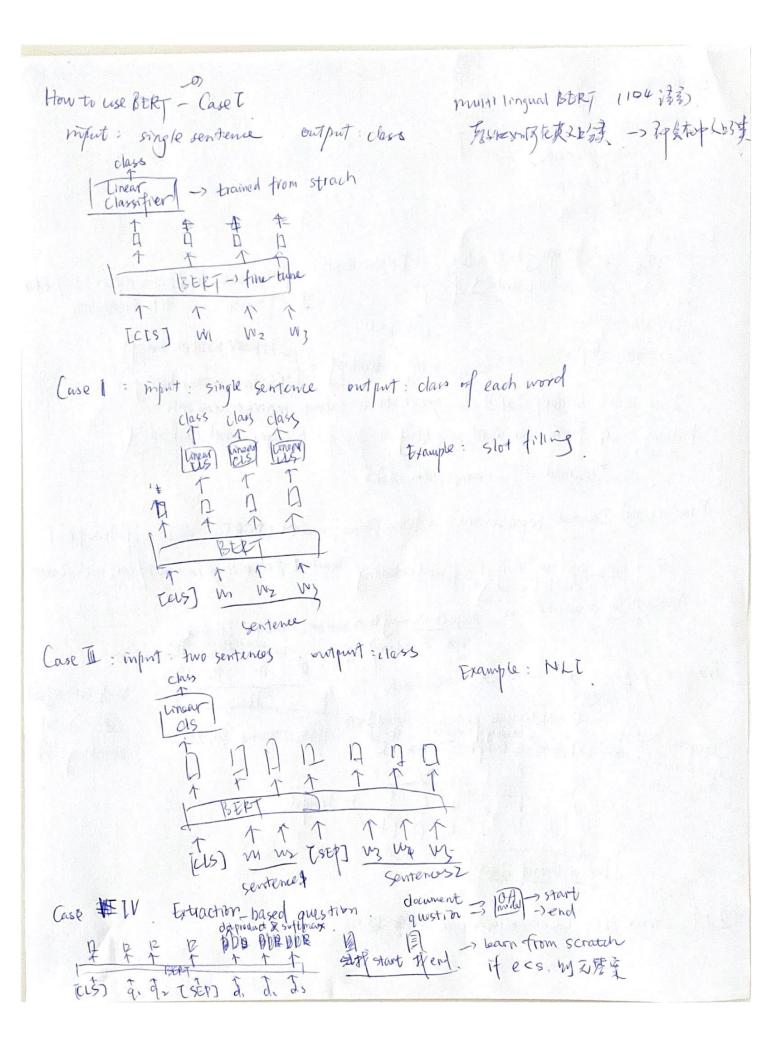
ELMO BERT GOT contextualized word embeddif money bank Hver bank blood bank Embedairs from Language Model KNN-based language models. I trained from lots of sentences I prood embedo's of it? De 7 ins word embedding = (2%) FAVN word embedding 28057 清胜 图 Each layer in doep LSTM can generate a latent representation -Malword = 2, 3- En layer word embeddig + 223= Elayer word embeddig I learned with downstream tasks Bidirectional Encoder Representations from Transformers (BERT): encoder of Transformer learned from a large amount of text without anotonin 1/3- 15 imput sequence, own put - of word embedding Althoughtword as unit here, character may be a better choice for Chinese That I (40003/17) ungar multi-days classifina Training of BERT: O marked LM = 15% mark X~ 5 配个的技 The state of the portion to tal the total of 2 sentences 12-5 outputs classification tals) the the containing of 2 sentences 12-5 outputs classification tals) the the containing of 2 sentences 12-5 THE EMASKI FU THE embedding 7 F13)一起训练 Conear broady dansifier ITITS how to use BEKT (5 downstream task 1222 to 30)



Generative Pre-Training (GPT) ELMO WEST APT 2 2/4 ST3 _ transformer decoder 15/2 M & 175000M GPT-1 13 release to The SPERET 123 TO 23 20to-learning toaching comprehension. di.d. a. dv, "Q:", 9, . 9m, "A:" Summarkation GITT-2 cl, dz, ..., dN, "TI-DR:" Translation English sentencet French sentince/ In-context Fourthet barring: no gradient descent closed box OA 1 open - domain OM Trivia QA. 175 B with 64 few-shot example. ZBIT3 fine-tured SOTA NLZ GPT-3 RX 29 . ANLI Founds