BERT 同时进行两行注意: & Masked Language Model. 2 Next Sentence prediction

BERT 活意模型任名 -: Masked Language Model.

Masked Language Model 构建与语言模型、工模型色色上下交换测那一个液态差异极的部分 1/12 1.055 的时候只计算被逐盖部分的(05).

, 阳南花地·司名中(5名的token CB战冷)潜换成以下内流

- (1) 有知新加辛被替换成[MASK] e.g my dog is hairy -> my dog is [MASK].
- (2). 10% à成成成任 token eg my dog is hairy > my dog is apple
- (3) Who 73. e.g my dog is hairy -> my dog is hairy.
- 2. 之后让横型预测和还原规或盖填或有换作的部分。计算仍然识计算它部分

BEDT 语言模型任务二: Next Sentence Prediction [CLS] DBI [Sep] DBZ [Sep]

到31 可32可能是东城, 成在里不包存的, 家的洲绒色彩中会江南两种情况出现的数量为1:1

Input: [CIS] my dog is cute [SEP] he likes play ##ing [SEP]

Token Embedding, 正常河南皇, 邓Pytorch中 nn. Embedding,

Segmentation: Lb token 200. Th/231

Position Embeddig, 与tromsformer中不一样,不是这角出售。而是多可得来和.

Muti-Task learning.

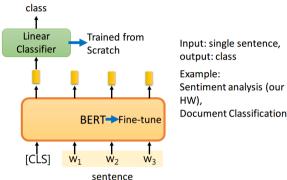
Enport: [CUS] calculus is a [MASK] of math [SEP] it [MASK] developed. by neuton and (eibniz[SEP]

Dutput. false, branch, was

Fine - Tuning,: Bert Fine-Tuning 发在4分钟存在

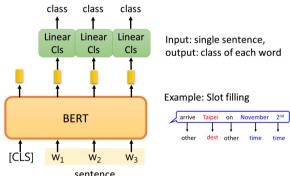
142 : Classification!

How to use BERT - Case 1



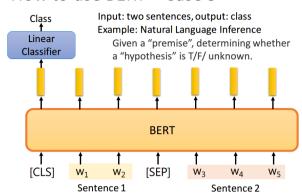
② Sext-action中,自己和自己的国际大部、ECLSI为有任何 意义、不会因为单个河对证果的巨大部分 @阿将所有通话来 concat 起来.

(422: Not Filling How to use BERT - Case 2



沿面区中元下的对象的 output 分别 色入 Linear Classifier

(公元子: NLT () (本学) 全种 () How to use BERT — Case 3



从以一个例及(sentence), 给出一个险治(sentencez),模型判断空下限的是正确,错误,也是知道 也且用 [CLS]分别预知了。

NY DAIN/T

How to use BERT - Case 4

 Extraction-based Question Answering (QA) (E.g. SQuAD)

 $\underline{\textit{Document}} : D = \{d_1, d_2, \cdots, d_N\}$

Query: $Q = \{q_1, q_2, \dots, q_N\}$ $D \longrightarrow QA \longrightarrow S$ $Q \longrightarrow Model \longrightarrow e$

output: two integers (s, e)

<u>Answer</u>: $A = \{q_s, \dots, q_e\}$

In meteorology, precipitation is any product of the condensation of 17 spheric water vapor that falls under gravity, "ue main forms of precipitation include drizzle, rain, sleet, snow, graupel and hail... Precipitation forms as smaller droplets coalesce via collision with other rain drops or ice crystals within a cloud. Short, intense periods of rain 77 atte 79 cations are called "showers".

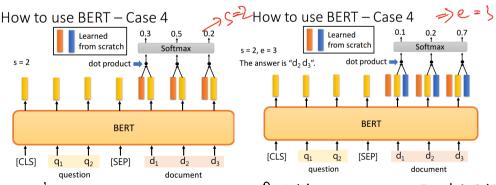
What causes precipitation to fall? gravity s = 17, e = 17

What is another main form of precipitation besides drizzle, rain, snow, sleet and hail?

Where do water droplets collide with ice crystals to form precipitation? within a cloud s = 77, e = 79

BANDER MARKET CHOSE

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将问题和分享用[SEP]分别的Delt,得到黄色新出、这好还强洲练两个vertar/橙蓝)分别与黄色向星(输出)图的dot product. 然后通过softmax看哪一个新闻的值最大。