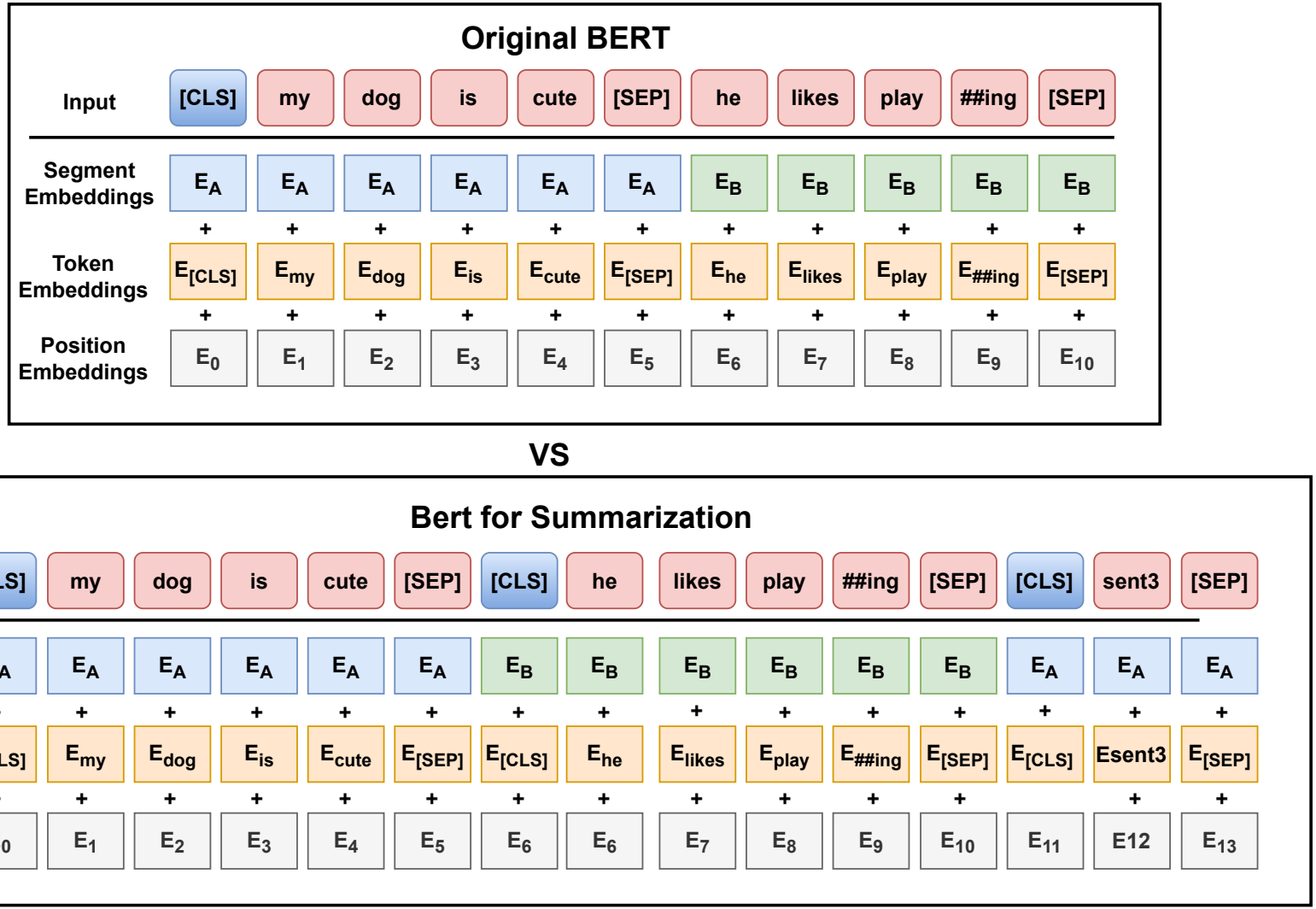
Original BERT
Input
[CLS] my dog is cute [SEP] he likes play ##ing [SEP]
Segment Embeddings
E_A E_A E_A E_A E_A E_A E_B E_B E_B E_B E_B
Token Embeddings
E_[CLS] E_my E_dog E_is E_cute E_[SEP] E_he E_likes E_play E_##ing E_[SEP]
Position Embeddings
E_0 E_1 E_2 E_3 E_4 E_5 E_6 E_7 E_8 E_9 E_10
VS
Bert for Summarization
Input
[CLS] my dog is cute [SEP] [CLS] he likes play ##ing [SEP] [CLS] sent3 [SEP]
Segment Embeddings
E_A E_A E_A E_A E_A E_A E_B E_B E_B E_B E_B E_B E_A E_A E_A
Token Embeddings
E_[CLS] E_my E_dog E_is E_cute E_[SEP] E_[CLS] E_he E_likes E_play E_##ing E_[SEP] E_[CLS] Esent3 E_[SEP]
Position Embeddings
E_0 E_1 E_2 E_3 E_4 E_5 E_6 E_6 E_7 E_8 E_9 E_10 E_11 E12 E_13