Positional Broading Por embodding reger, some bleen DD gets mapped to the same vector representation, regardless of were the tolen \$003 positioned in the Input sentence [5] from embedding luger, If The cert sext on the mot * On the met the cost soit 3 (-123 456 289 -1 Ot 212 845 Ocement victor conbidding approach has no saled of Some token aps 2 V123 456 985 position of icesi result In the some embedding rectors 3) It is helpful to miest additional postion into to CLM There are a types of posttland embeddings relette absolute The emphasis is on relative position or distance between teleurs. Par each postion in Woodel coams the relationships hput sequence, aunique In terms of 'how for apport' dother embedding is added to then at which court position the tolorn's embedding Adentice! medel con sensatire bother to convoye its exact resequence of renders berestes, was Cocepten

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& Boshoppes of profitency encodings enthe cems to enderstand the order and relationship between follows, ensuring more occurred and contest chare predictions (B) The choice between the 2 depends on specific supplication and nevere of dote seeing processed Altolite! Suitable was fixed order of doleans is concider, such as suggested Relative: Switch for tasts the language modernic over long segments, where (3 open A) mails COFT) con absolute postrone ombeddings distance optimized during training process. This optimization is part of the medel forming itself. Get inputalate from detalceder Ospids =) Setchs Pre = 8 58 test Semples W contest 4 telens size, veder Dims, length 24 Inpus = (10 8 2021) 7 Token 2130 | Lecch
1 3 4 5 | S. Ze
9 8 16 23 On embedding water at size 257 longth is generated for each telcon in April (256) (256) (256) (257) for each of trust osy volves 8 x4x256 tenser

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10 barerate 4 postional ambedding vectors from the gestional emodding netols 24, 256] Mg Add the telour embeddings toesten embeddings (1200) 0256 \$250) (250)] + [050(250) 0250)026] L020) (256) (250) (250) Parpositions, 10ch 2/ 256 voctor 8848256 (postran controdolass) (rolcen embreddinss) breudousts 4006 to all 8 = Enger Embeddings samples in satch to support (8+4×206) An partil add 11-lon