



BERT to the Rescue: Unmasking COVID-19 Secrets!



Unmasking COVID-19

Welcome to the exciting world of **BERT** and its role in uncovering the hidden secrets of *COVID-19*! Get ready to dive into the fascinating journey of language understanding and information retrieval.



Pre-processing

1. Removed records in other languages
2. Removed Stop Words
3. Lamented the text
4. Visualized the difference between before and after!



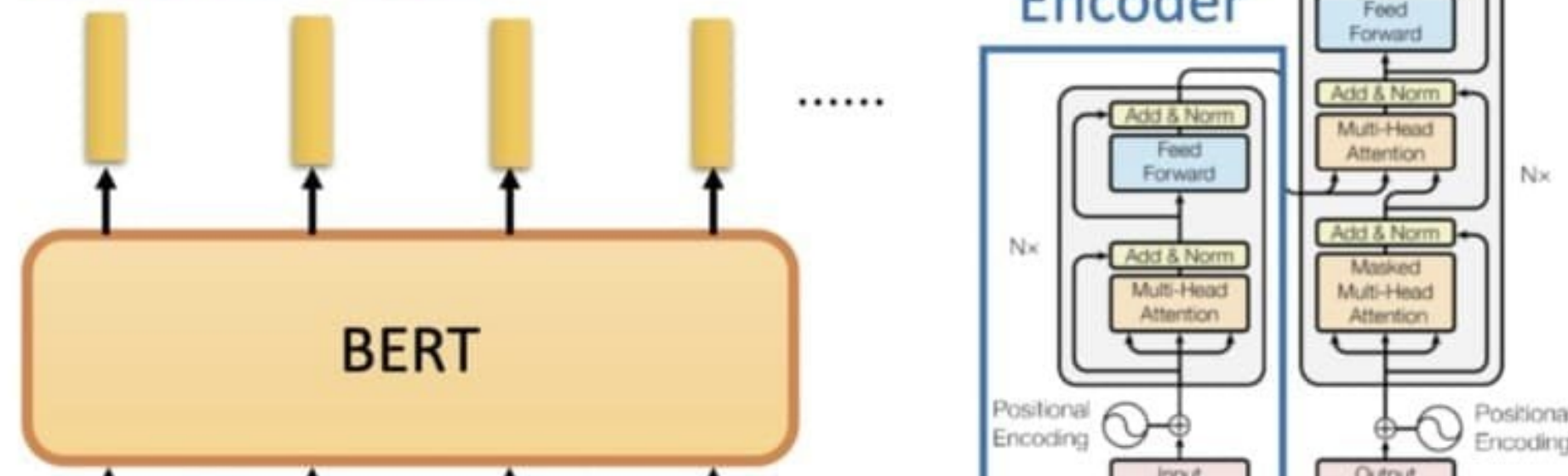
BERT

- Used "bert-base-uncased" model
- Created text embeddings
- Created vectors of text embeddings created
- Created database of vectors

Bidirectional Encoder Representations from Transformers (BERT)

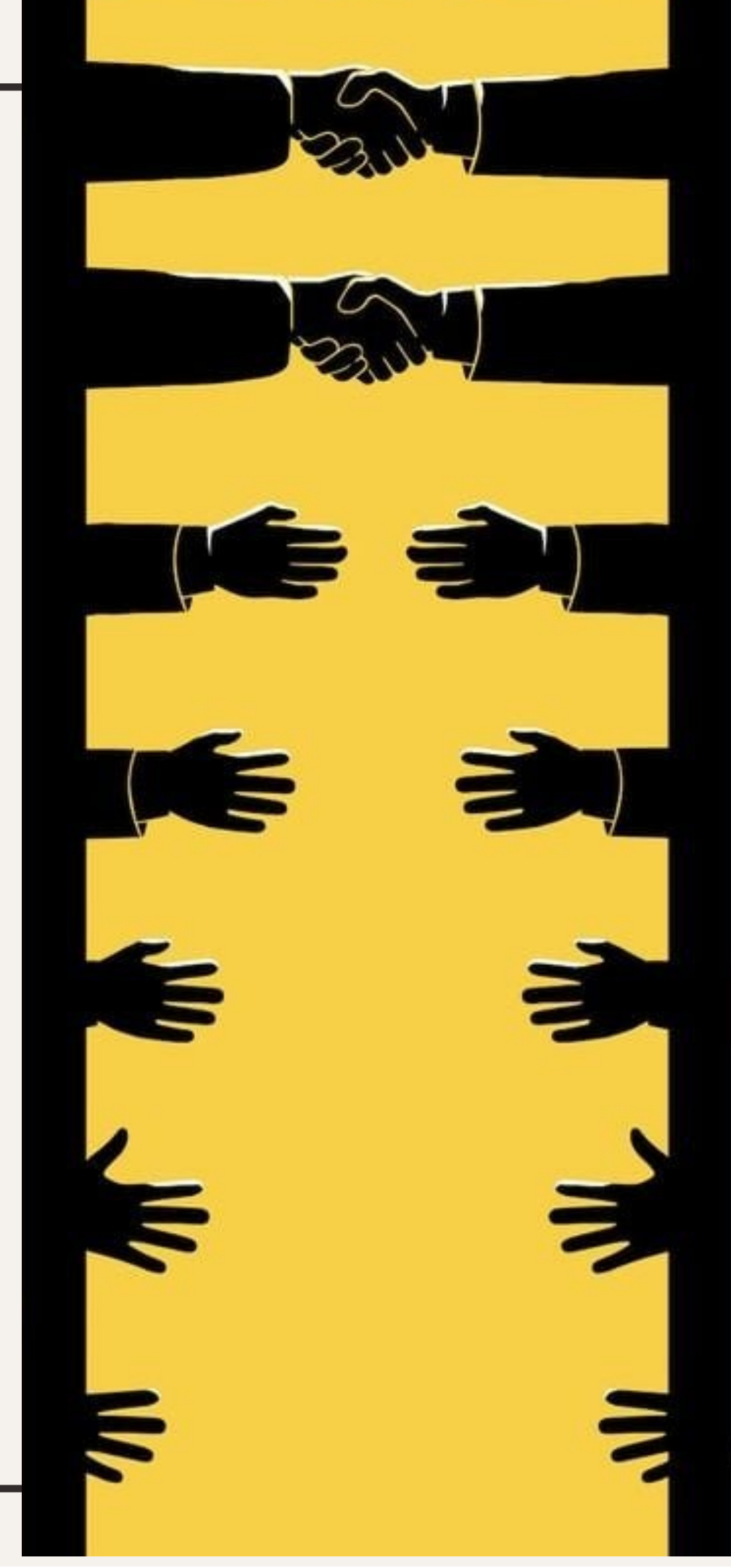


- BERT = Encoder of Transformer
Learned from a large amount of text
without annotation



Running the query

1. Asked the user to enter the query
2. Created text embedding of query
3. Created vector of text embedding
4. Calculated cosine similarity against all text embeddings in corpus
5. Displayed top 10 results



Thanks!

Do you have any questions?

