



Regularizing with Synthesized

Graphs Arjun Gopalan





Absence of a natural graph

No natural graph?

Build a graph!



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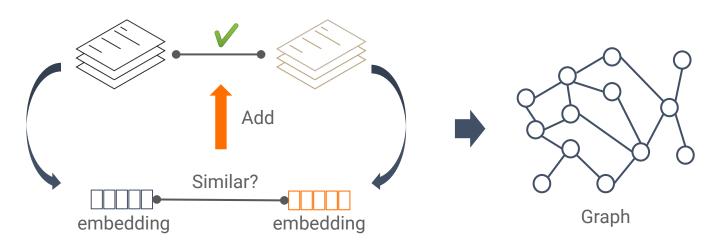


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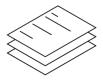






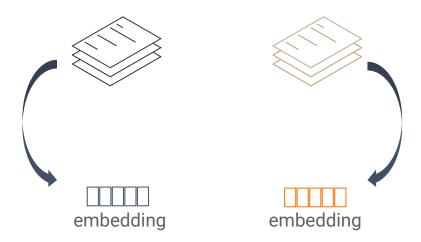




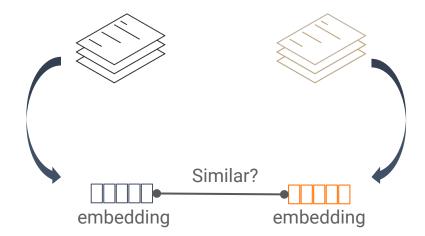




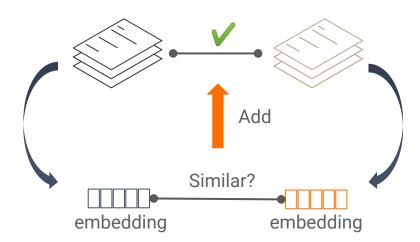




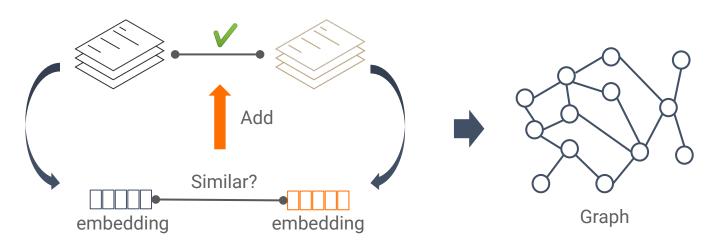














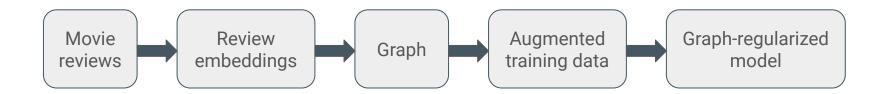
Example: Sentiment classification

IMDB dataset





Graph regularization workflow



Colab notebook