WEEK 5 FINALLY!!

Resources

This week will finally conclude WIDS 2022-2023.Below are some very useful blogs and references which will enable you to deliver the ultimatum. Because of the multitude of possible ways this problem can be tackled, we won't oblige you at all to follow any input from our side. Any working solution which appreciates the basic of model building will be viable for the completion for this project

- Link to the Flickr Dataset: https://www.kaggle.com/datasets/e1cd22253a9b23b073794872bf565648ddbe4f17e7fa9e74766ad3707141adeb
- Watch this video for developing a strong intuition(pytorch implementation): https://www.youtube.com/watch?v=y2BaTt1fxJU&t=483s
- Keras implementation code: https://machinelearningmastery.com/develop-a-deep-learning-caption-generation-model-in-python
- Follow lectures 17 to 24 in the following playlist: https://www.youtube.com/watch?v=019a30EnNGk&list=PLlH6o4fAIji5JmlmEs-MYe1tYBwuwW5ah
- Feel free to also explore on your own and check out CHATGPT for more intuitive assistance: https://chat.openai.com/chat

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Assignment : IMAGE CAPTION GENERATION

Write a code in python using either Keras or pytorch to implement VGG19 and LSTM on FLickr8k Dataset.

Note: Make sure to use train-test ratio as 0.9:0.1 only.

Evaluation metric: BLEU-1,BLEU-2,BLEU-3,BLEU-4.