Surveillance Alert System

Image Captioning using Deep Learning Approaches

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Blog: <https://medium.com/@rgarg_98817/surveillance-alert-system-a394f28480c6>

Code: <https://github.com/rudragarg/image_captioning>

Output: <https://drive.google.com/file/d/1SLE1_tuMGY0e3GoE8RuMF9TKWCyHZcoq/view?usp=share_link>

Pretrained model: ResNet50

* Used ResNet50 as our CNN model as it would give us information of what is in the image to the LSTM model that we trained.
* Links:
  + <https://pytorch.org/vision/stable/models.html>
  + <https://www.cv-foundation.org/openaccess/content_cvpr_2016/papers/He_Deep_Residual_Learning_CVPR_2016_paper.pdf>
  + <https://www.geeksforgeeks.org/residual-networks-resnet-deep-learning/>