
README

Project : CS599_HW_EXTRACT_ENRICH_UFO
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Image Captioning and Image Recognition using Deep Learning:

The last layer of ImageNet neural network was re-trained on UFO images to produce better captioning and for object type recognition.

- a. The images were classified into the following classes for re-training for Image Captioning:
 - i. Day Sky- UFO is found flying in the sky during the day time
 - ii. Night Sky - UFO is found flying in the sky during the night time
 - iii. Dwelling area - UFO spotted near buildings, highways, etc, where human population is average or higher
 - iv. Remote area - UFO spotted in remote areas
 - v. Diagrams - includes UFO diagrams, handwritten maps or images of maps
- b. The images were classified into the following classes for re-training for Image Object Recognition:
 - i. Bright - UFO emitting bright light
 - ii. Faint - UFO emitting faint light
 - iii. No Light - No light emitted by the UFO