

WIDS 23-24

IMAGE CAPTIONING MODEL

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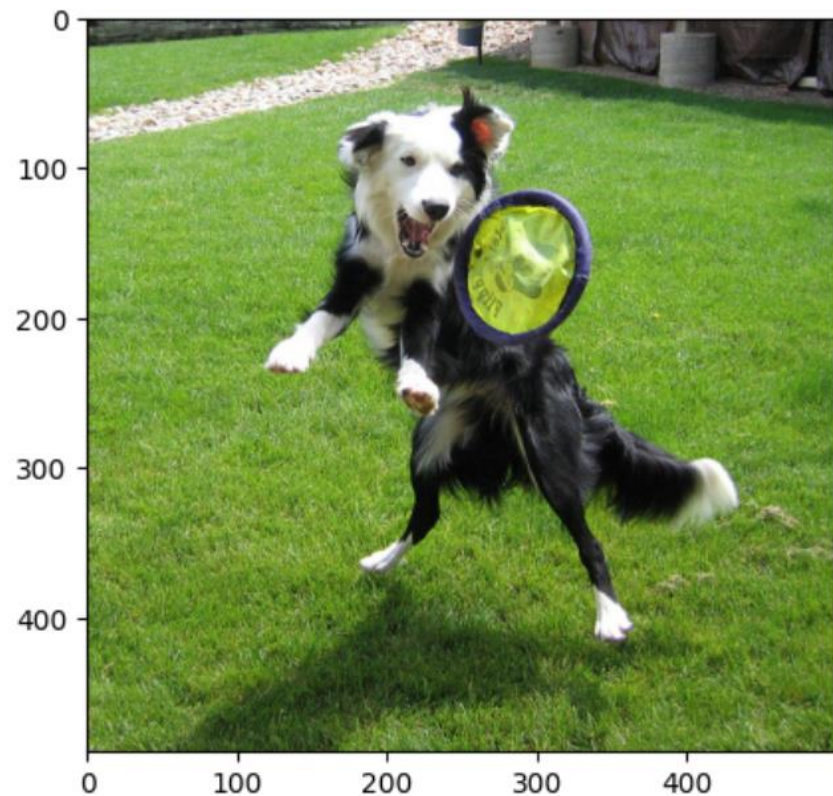
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KEY LEARNING OUTCOMES

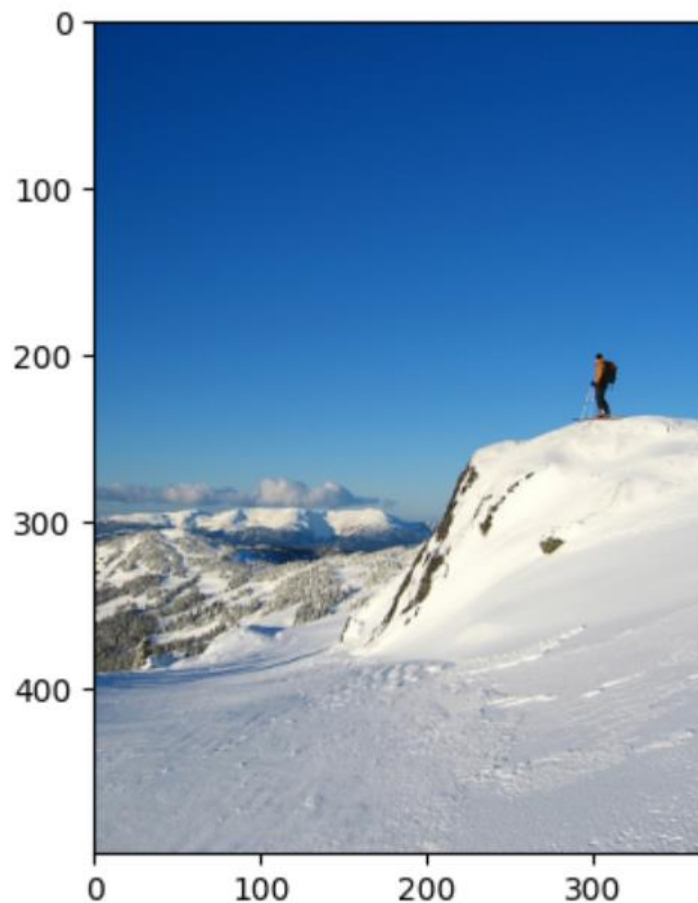
- Started off with learning the implementation and structure of Convolutional Neural Networks.
- Then learned to do basic sentiment analysis using NLTK library
- Also predicted prices of certain commodity using Long-Short Term Memory.
- Finally made an Image Captioning Model trained on the Flickr8k data set which uses NLP techniques to generate captions employing LSTMs after proper vectorization of images using CNNs
- Used BLEU Score as Evaluation Metrics

Some examples

dog is running through the grass



man is hiking down snowy hill



man in black shirt is standing in front of store

