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ABSTRACT

We have taken up Image Captioning using Deep Learning since we can explore multiple applications of Computer Vision. This involves Deep Learning algorithms such as Convolutional Neural Networks (CNN) and Recurrent Neural Networks (RNN) which are used for image feature extraction and Natural Language Processing respectively. This project has many real-world applications, and we can use this model as a steppingstone to explore other applications using Computer Vision. We can expect a minimum accuracy of the captions generated of an image to be 70% and can work on the model to increase its accuracy to a higher extent.