Text Extraction from an Image

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Abstract: *Text extraction from an image is an important process in many applications such as document analysis, content-based image retrieval, and image captioning. This mini project aims to propose a method for accurately extracting text from an image using image processing techniques and machine learning algorithms. The proposed method involves several steps, including image preprocessing, text detection, localization, segmentation, and recognition. The effectiveness of the proposed method is evaluated through qualitative and quantitative analysis of the results obtained from sample images. The findings of the project demonstrate the potential of the proposed method for text extraction from images and highlight areas for further research and improvements.*

Keywords: Text extraction

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356

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