

Detection of Malaria Using Image Processing and Machine Learning

Nagashree Kamath S¹ and Santhosh S G²

Post Graduate Student, Department of Computer of Application¹

Associate Professor , Department of Computer Applicattion²

Jawaharlal Nehru National College of Engineering, Shimoga, Karnataka, India

Abstract: *Malaria is a severe worldwide health issue that requires rapid and accurate diagnosis in order to control the disease. Malaria is easy to treat if discovered early and followed up with correct medical therapy. Computer-aided diagnosis is becoming more prominent since it can be used as a basic screening test in the absence of an expert microbiologist. To automate malaria diagnosis, an image processing algorithm necessary. In order to construct picture characteristics based on colour, texture, and the geometry of the cells and parasites. It incorporates many representations of the data for imaging, image processing, segmentation, and classification of test images.*

Keywords: Malaria, Segmentation, CNN, Machine Learning

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