

Advanced Machine Learning Technique to Detect Disease in Potato

Girish B G¹, Narendra N², Nitish S³, Manoj M D⁴, R Virupakshagouda Patil⁵

Project Guide, Department of Computer Science and Engineering¹

Projecties, Department of Computer Science and Engineering^{2,3,4,5}

Sri Jagadguru Chandrashekarathana Swamiji Institute of Technology, Chikkaballapura, Karnataka, India

Abstract: *With the enhancement in agricultural technology and the use of advanced machine learning techniques in diagnosing plant diseases become important. Potato is one of the major food crops all over the world. Potato cultivation has been very popular for last few decades but many diseases affecting the proper growth of the potato plants. Most of the diseases are seen in the leaf region of the potato plant. However, the diseases to the plant reducing the potato production in both quality and quantity .and manual interpretations quite time taking and difficult and also to do manual interpretation it requires certain level of experience. Examining the disease in the early stage of growing plant is very vital and then it will be helpful for getting the higher production of the crop. Otherwise, the plant will get spoiled. And eventually it reduces the potato production. To resolve this problem by detecting and analysing these diseases images using advanced machine learning is the best option. This paper proposes an advanced machine learning-based system that will identify and classify potato leaf diseases. And also suggesting remedies to the diseases. Through this system time taken to detect disease is very less.*

Keywords: Disease in Potato

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