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Crop Recommendation Using Support Vector Machine (SVM) Classifier

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Abstract: *India's primary industry is agriculture. Climate change has a negative effect on the majority of crops. This project will help farmers decide which crop is ideal for their particular plot of land. To recommend the best crop to plant, the SVM algorithm is utilized. The issues we face in regard to weather, temperature, humidity, rainfall, humidity, nitrogen, and phosphorus content in soil are now not being adequately addressed by inventions or solutions. Numerous diverse types of expanding economic growth, notably in the agriculture sector, are occuring in countries like India. Additionally, the process is useful for suggesting crops for suitable terrain. Project will executed using Spyder.*

Keywords: Machine Learning, Support Vector Machine, Spyder, TensorFlow, OpenCV, Keras, Tinker.

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