

Yield Predict: A Crop Yield Prediction Framework for Smart Farms

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Abstract: *In today's world the most important thing for living in the Indian economy is agriculture. In recent years, machine learning approaches are gaining popularity with the advent of big data. Adoption of these approaches in the agricultural sector has immense potential to increase crop productivity and quality. As we know, India's economy primarily depends on agriculture. For successful production of crop we must ensure whether a particular crop will yield in particular soil and weather condition. Machine learning (ML) plays a significant role as it has decision support tool for Crop Yield Prediction (CYP) including supporting decisions on what crops to grow and what to do during the growing season of the crops. This script makes novel by the usage of simple parameters like State, district, season area and the user can predict the yield of the crop in which year he or she wants to.*

Keywords: A Crop Yield Prediction Framework for Smart Farms.

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