Crop Selection and Cultivation Using Machine Learning

Sanjay Aswath K S M[1] and Chitra K[2]

Student MCA, IVth Semester[1]

Associate Professor, Department of MCA[2]

Dayananda Sagar Academy of Technology and Management, Udaypura, Bangalore, Karnataka, India

sanjaysam2412@gmail.com

Abstract: *Arranging for agribusiness and guaranteeing nourishment security depend intensely on trim yield estimate. With the utilize of assorted information sources like obsequious symbolism, climate figures, soil characteristics, and past trim execution, modern machine learning calculations are able to accurately foresee future yields. In arrange to estimate comes about beneath different circumstances, these models look at designs and relationships show in the information. Relapse examination, neural systems, and gathering approaches are illustrations of procedures that are as often as possible utilized. Arranging for horticulture and guaranteeing nourishment security depend intensely on trim yield figure. With the utilize of different information sources like fawning symbolism, climate estimates, soil characteristics, and past edit execution, advanced machine learning calculations are able to absolutely anticipate future yields. In arrange to figure comes about beneath different circumstances, these models look at designs and relationships display in the information. Relapse investigation, neural systems, and gathering approaches are illustrations of procedures that are regularly utilized.*

Keywords: Crop Selection and Cultivation, Machine Learning, Weather Forecasts, Data Analytics