
FARM-EASY
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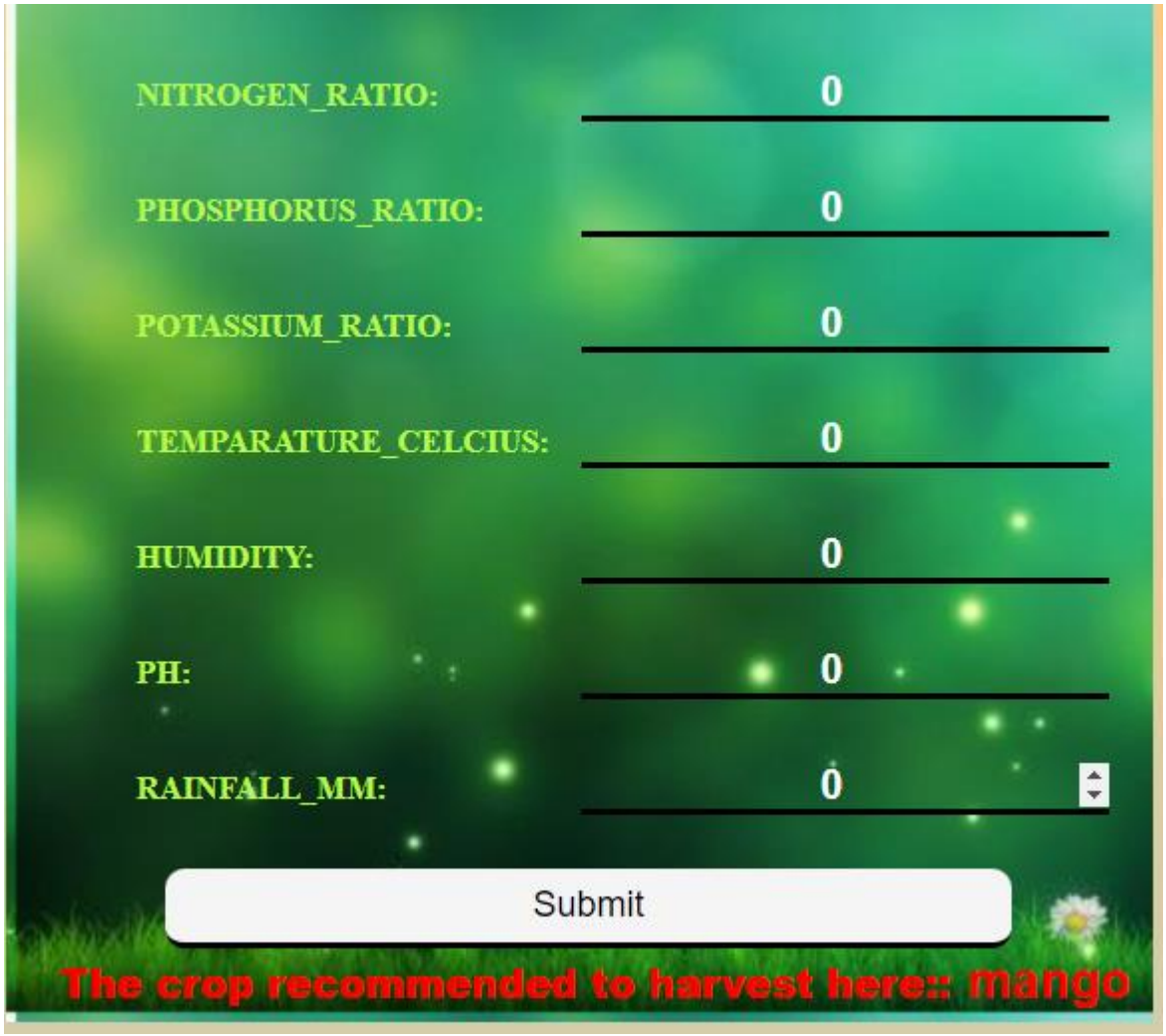
FARM-EASY
Used to Recommend optimum crops to be cultivated by farmers based on several parameters and help them make an informed decision before cultivation.
FARM-EASY
NITROGEN_RATIO:
Enter Value
PHOSPHORUS_RATIO:
Enter Value
POTASSIUM_RATIO:
Enter Value
TEMPARATURE_CELCIUS:
Enter Value
HUMIDITY:
Enter Value
PH:
Enter Value
RAINFALL_MM:
Enter Value
Submit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PHOSPHORUS_RATIO:
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POTASSIUM_RATIO:
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TEMPARATURE_CELCIUS:
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HUMIDITY:
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PH:
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RAINFALL_MM:
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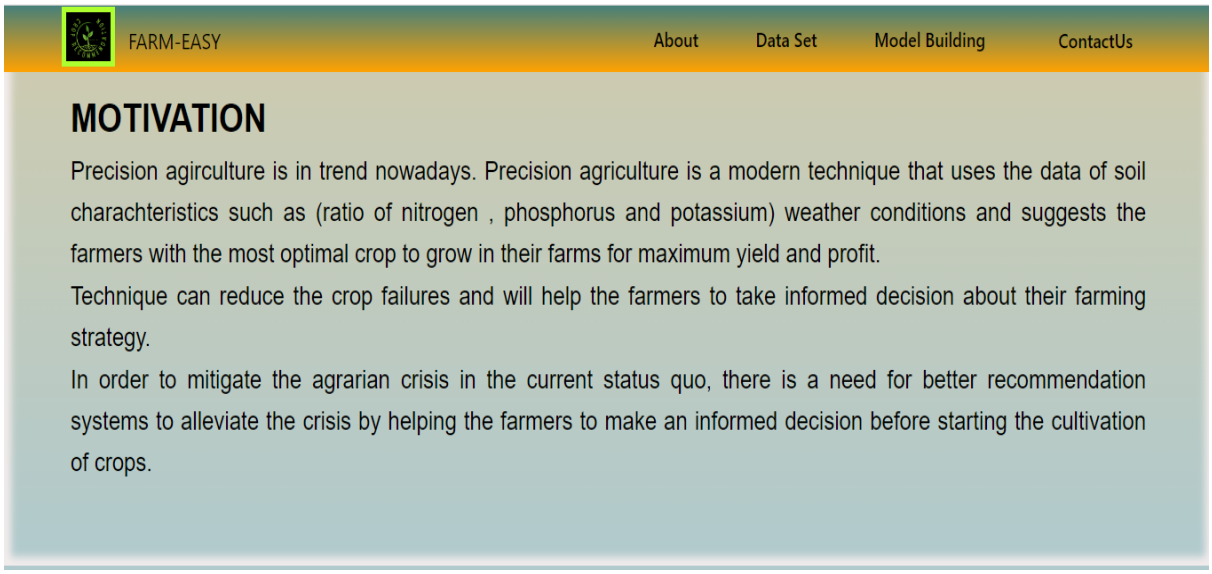
Submit
The crop recommended to harvest here:: mango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MOTIVATION
Precision agirculture is in trend nowadays. Precision agriculture is a modern technique that uses the data of soil charachteristics such as (ratio of nitrogen , phosphorus and potassium) weather conditions and suggests the farmers with the most optimal crop to grow in their farms for maximum yield and profit.
Technique can reduce the crop failures and will help the farmers to take informed decision about their farming strategy.
In order to mitigate the agrarian crisis in the current status quo, there is a need for better recommendation systems to alleviate the crisis by helping the farmers to make an informed decision before starting the cultivation of crops.

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Data Science Enthusiast

Python Developer

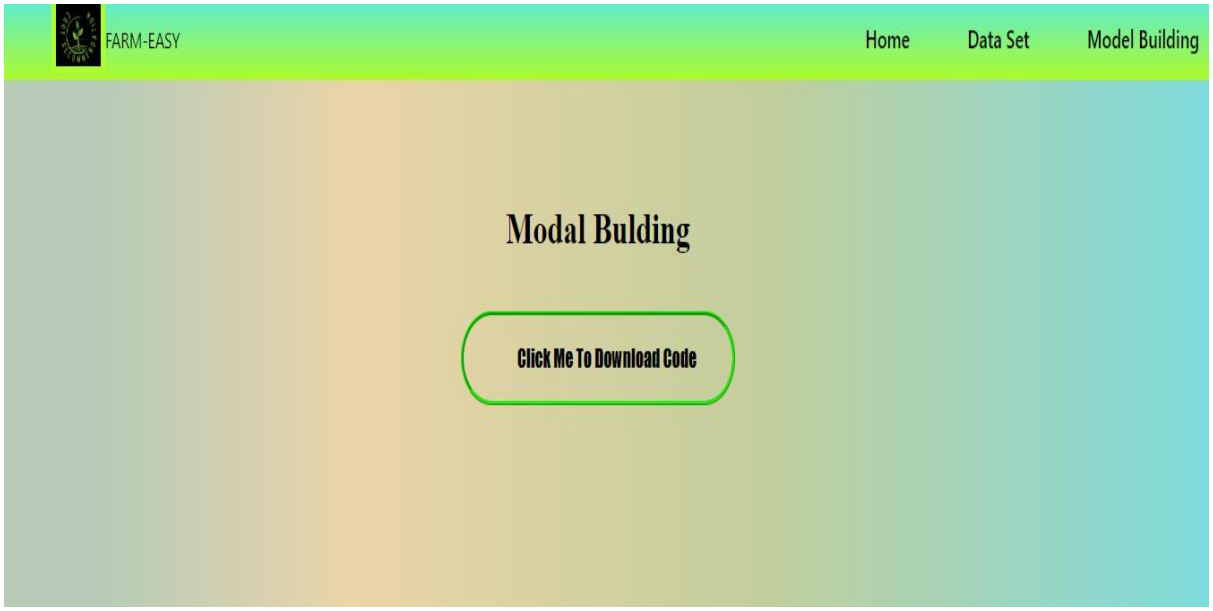
Vellore Institute Of Technology

FARM-EASY Home Data Set Model Building

"Need For Efficiency In Agriculture- More Than Ever!"

Agriculture to Farm-Easy :

Trends, Challenges, and the Path Forward with Digital Technology and Software Solutions, we projected that the agriculture industry would feed an estimated global population of 9.7 billion by 2050. In 2020 alone, a 60% increase is required to feed the population. We talked about macroeconomics, changing consumer preferences, emerging technologies and transforming supply chains as the key drivers for digital transformation in agriculture and how the challenges facing the agriculture industry worldwide could be effectively tackled by following the right approach and leveraging technology to meet the growing demand for food.



Untitled spreadsheet : Sheet1

60	55	44	23.0044	82.3207	7.84020	263.964	rice	
74	35	40	26.4910	80.1583	6.98040	242.864	rice	
78	42	42	20.1301	81.6048	7.62847	262.717	rice	
69	37	42	23.0580	83.3701	7.07345	251.054	rice	
69	55	38	22.7088	82.6394	5.70080	271.324	rice	
94	53	40	20.2777	82.8940	5.71862	241.974	rice	
89	54	38	24.5158	83.5352	6.68534	230.446	rice	
68	58	38	23.2239	83.0332	6.33625	221.209	rice	
91	53	40	26.5272	81.4175	5.38616	264.614	rice	