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Crop yield prediction in Indian agriculture using machine learning 🛒

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Agriculture has started from the time of civilization. It is one of the major activities that is responsible for the Indian economic growth. The model we brought up will be able to determine the yield of different kinds of crops that are grown in India. Simple parameters like State, district, season and area will help the user to determine the yield of the crops that he/she would like togrow. To give out the best outcome of the prediction results modern regression techniques have been used. What all crops have to be planted and what shall be done during the growing season of the crops are the one's on which machine learning algorithm works onin crop yield prediction. The agricultural yield prediction studies have been aided by a number of machine learning techniques. In ourresearch study, we have gone through a systematic literature review to know about the features and algorithms used in earlier crop yield prediction projects. We retrieved multiple relevant studies from electronic databases based on our search criteria, and we chose a few for further analysis using inclusion and exclusion criteria.

Topics

Machine learning, **Review**, **Regression analysis**

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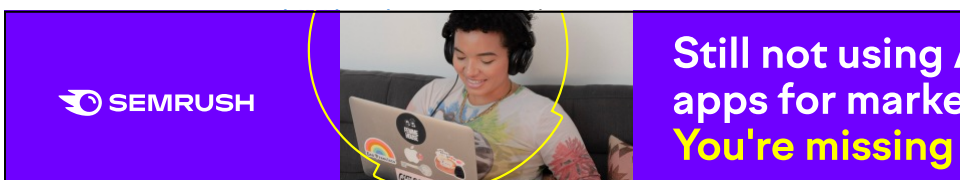
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