Team No: 12

Team ID: PNT2022TMID29985

College Name: Er.Perumal Manimekalai College of Engineering

Department: Computer Science And Enigineering

Team Leader: Sonakshi.G

Team Member: Sindhu.S

Team Member: Manusha.R

Team Member: Jagathi.S

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| S.NO | AUTHOR | YEAR | PURPOSE | INFERENCE |
| 1. | S.Veenadari, Dr. Bharat Misra, Dr. CD Singh. | 2014 | ML approach for forecasting crop yield based on climatic parameters. | Decision tree can perform both the classification and regression problems. |
| 2. | Prof. D.S. Zingade ,Omkar Buchade Nilesh Mehta,Shubham Ghodekar ,Chan dan Mehta | 2017 | Crop Prediction System using Machine Learning | The difference is that multiple linear regression has more than one independent variables and simple linear regression has only 1 independent variable. |
| 3. | Konstantinos G. Liakos , Patrizia Busato , Dimitrios Moshou , Simon Pearson ID and Dionysis Bochtis | 2018 | Machine Learning in Agriculture”Institut e for Bio-Economy and AgriTechnology. | SVM is used here for binary classifier and ANN is used for pattern recoginition |
| 4. | Mohsen Shahhosseini , Rafael A Martinez-Feria , Guiping HU and Sotirios V Archontoulis. | 2019 | Maize yield and nitrate loss prediction with machine learning algorithms. | Pre-growing season prediction of crop production of outputs such as grain yields and nitrogen losses can provide best suggestion of crops to farmers. |
| 5. | Kevin Tom Thomas , Varsha S , Merin Mary Saji, Lisha Varghese, Er. Jinu Thomas. | 2020 | Crop Prediction Using Machine Learning. | Theaccuracies obtained here are 85%, 88%, 81%, 82% and 78% respectively. kNNwith cross validation has the highest accuracy for this paper. |
| 6. | Alexandre Barbosa, Naira Hovakimyan, Nicolas F. Martin | 2020 | Risk averse optimization of crop inputs using a deep ensemble of convolutional neural networks | Optimization algorithm show an increase up to 6.4% from the expected net. |