Literature Survey

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| S.No | PAPER | AUTHOR | YEAR | METHOD AND ALGORITHM | ACCURACY |
| 1 | Intelligent IOT based  Smart irrigation system. | Kavyashree T,  et al | 2021 | This real time sensor data is the input for the ML algorithm that does predict watering.  The study involves algorithms like Linear and Logistic Regression, Decision tress, Support Vector machine (SVM), K-Nearest Neighbor (KNN), Naïve Bayes. | 90% |
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| 2 | IoT-Based Smart Irrigation Systems: An Overview on the Recent Trends on Sensors and IoT Systems for Irrigation in Precision Agriculture | [Laura Garcia](https://pubmed.ncbi.nlm.nih.gov/?term=Garc%C3%ADa%20L%5BAuthor%5D),  et al | 2019 | The regression algorithms consider the temperature of the environment and the water flow to produce a water consumption forecast that is then visualized by the user through a mobile app. | 96% |
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| 3 | IoT-IIRS: Internet of Things based intelligent-irrigation recommendation system using machine learning approach for efficient water usage. | Ashutosh Bhoi, et al | 2021 | Starting from crop selection and yielding to crop disease prediction, different ML techniques like artificial neural networks (ANN), support vector machine (SVM), k-nearest neighbor (k-NN), and decision trees have shown huge success. | 89% |
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| 4 | Intelligent and Smart Irrigation System Using Edge Computing and IoT | M. Safdar  Munir, et al | 2021 | KNN algorithm, Traditional tunnel farms, all over the world, use drip irrigation or a sprinkler irrigation method. .ese are better than normal flooding methods. | 80% |
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| 5 | Development of a Wireless Sensor Network and IoT-based Smart Irrigation System | Juliana Ngozi Ndunagu, et al | 2022 | Using Meachine Learning Algorithm | 92% |