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Applied to the Analysis and Prediction of Sugarcane
Yield based on the physiological processes and
empirical statistical where analysis of past
climate variables and crop yield are made by using
traditional statistical methods''*Crop Yield
Prediction Using Deep Neural Networks*
November 22nd, 2019 - More recently machine

learning techniques have been applied for crop yield prediction including multivariate regression decision tree association rule mining and artificial neural networks A salient feature of machine learning models is that they treat the output crop yield as an implicit function of the'

'Application of Data Mining Technique for Wheat Crop Yield

September 23rd, 2019 - Use of data mining techniques for the agriculture sector is a new research filed Application of agriculture using Data mining techniques can be generated for the different crop yield forecasting Index Terms Yield Forecast Data Mining Gujarat Classification I INTRODUCTION griculture data are highly extended in provisions of'

'Soil Data Analysis Using Classification Techniques and

March 2nd, 2019 - Soil Data Analysis Using Classification Techniques and Soil Attribute Prediction Jay Gholap Anurag Ingole Jayesh Gohil Shailesh Gargade Vahida Attar Dept of Computer Engineering and IT College of Engineering Pune Maharashtra 411005 India Abstract Agricultural research has been profited by technical'

'ECU Dr Leisa Armstrong Staff Science Schools

December 24th, 2019 - Dr Leisa Armstrong is Senior Lecturer in Computer Science Discipline within the School of Science Geospatial data mining hotspot analysis techniques for watershed and land use management in India and Australian environments L 2016 Rice Crop Yield Prediction using Artificial Neural Networks'

'Analysis of Crop Yield Prediction of Kharif amp Rabi Jowar

November 21st, 2019 - Analysis of Crop Yield Prediction of Kharif amp Rabi Jowar Crops Using Data Mining Techniques Agriculture sector in India is facing rigorous problem to maximize crop productivity More than 60 percent of the crop still depends on climatic factors like rainfall temperature humidity''PDF ANALYSIS OF CROP YIELD PREDICTION USING DATA MINING

October 10th, 2019 - IJRET International Journal of Research in Engineering and Technology eISSN 2319 1163 pISSN 2321 7308 ANALYSIS OF CROP YIELD PREDICTION USING DATA MINING TECHNIQUES D Ramesh 1 B Vishnu Vardhan2 1 Associate Professor Department of CSE JNTUH College of Engineering Telangana State India 2 Professor Department of CSE JNTUH College of''PDF A Survey on Predictive Analysis in Agricultural Soil

November 3rd, 2019 - Analysis of Soil Behaviour and Prediction of Crop Yield using Data Mining 2015 International Conference on Computational Intelligence and Communication Networks 6 N Heemageetha A Survey on Applications of Data Mining Techniques to Analyze the soil for Agricultural Purpose 978 9 3805 4421 2 16 31 00 c 2016 IEEE 7'

'Prediction of Crop Yield using Machine Learning
December 26th, 2019 - *Prediction of Crop Yield using Machine Learning* Rushika Ghadge¹ Juilee Kulkarni² Pooja More³ soil quality depending on the analysis done based on data mining approach obtained by different network learning techniques and the most accurate result will be delivered to the end user'

'Analysis of agriculture data using data mining techniques

December 15th, 2019 - Various data mining techniques are implemented on the input data to assess the best performance yielding method The present work used data mining techniques PAM CLARA and DBSCAN to obtain the optimal climate requirement of wheat like optimal range of best temperature worst temperature and rain fall to achieve higher production of wheat crop'

'Applying Data Mining Techniques to Predict Annual Yield of

December 21st, 2019 - Clustering results were separately written to Excel files for each cluster type 1 to 4 for the convenience of result showcasing and analysis B Prediction of crop yields using classification techniques In our project we determined prediction results for yields of selected crops for the selected districts in India'

'Analysis of crop yield prediction using data mining

November 12th, 2019 - Issuu is a digital publishing platform that makes it simple to publish magazines catalogs newspapers books and more online Easily share your publications and get them in front of Issuu's millions of monthly readers Title Analysis of crop yield prediction using data mining techniques

Author eSAT Journals Name Analysis of crop yield' **'MACHINE LEARNING IEEE PAPER 2018**

December 26th, 2019 - Prediction of Crop Yield using Machine Learning free download ABSTRACT

Looking at the current situation faced by farmers in Maharashtra we have observed that there is an

increase in suicide rate over the years The reasons behind this includes weather conditions debt family issues and frequent change in Indian government norms' 'A Review on Various Features and Techniques of Crop Yield

November 26th, 2019 - A Review on Various Features and Techniques of Crop Yield Prediction Using Geo Spatial Data 10 4018 IJOICI 2019010103 Geospatial information including satellite information is a vital part of crop yield prediction since it can give normal predictable target data'

'Automated Control System for Crop Yield Prediction using

December 23rd, 2019 - and prediction for increasing crop yield is done using data mining techniques The proposed model uses only few sensors for experimental use These nodes sense the environmental parameters like temperature humidity pH NPK values Analysis is done on sensed data which is captured from field' 'A Hybrid of Plant Leaf

Disease and Soil Moisture

December 16th, 2019 - A Hybrid of Plant Leaf Disease and Soil Moisture Prediction in Agriculture Using Data Mining Techniques D Sabareeswaran Research Scholar the entire crop yield management using novel crop yield monitoring system using novel data mining techniques' 'Smart Farming System Crop Yield Prediction Using

December 10th, 2019 - A study on crop yield forecasting using classification techniques In 2016 International Conference on Computing Technologies and Intelligent Data Engineering ICCTIDE'16 Kovilpatti pp 1?4 2016 Google Scholar'

'Crop Yield Prediction Using Deep Neural Networks

April 25th, 2019 - Weather prediction is an inevitable part of crop yield prediction because weather plays an important role in yield prediction but it is unknown a priori In this section we describe our approach for weather prediction and apply it to predict the 2016 weather variables using the 2001?2015 weather data'

'A novel approach for efficient crop yield prediction

December 21st, 2019 - Crop yield prediction is one of the challenging task in agricultural domain Extensive research in agricultural domain has been carried out to predict better crop yield using the machine learning algorithm Artificial Neural Network ANN and statistical model Multiple Linear Regression MLR'

'ANALYSIS OF CROP YIELD PREDICTION USING DATA MINING TECHNIQUES

December 15th, 2019 - Different Data Mining techniques are used and evaluated in agriculture for estimating the future year s crop production This paper presents a brief analysis of crop yield prediction using Multiple Linear Regression MLR technique and Density based clustering technique for the selected region i e East Godavari district of Andhra Pradesh in India'

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Analysis of Soil Behaviour and Prediction of Crop Yield

August 13th, 2019 - This makes the problem of predicting the yielding of crops an interesting challenge Earlier yield prediction was performed by considering the farmer s experience on a particular field and crop This work presents a system which uses data mining techniques in order to predict the category of the analyzed soil datasets'

'Predictive ability of machine learning methods for massive

December 24th, 2019 - Generally the number of evaluated crops and techniques is too low and does not provide enough information for agricultural planning purposes This paper compares the predictive accuracy of ML and linear regression techniques for crop yield prediction in ten crop datasets'

'Methodology for prediction of corn yield using remote

December 3rd, 2019 - Methodology for prediction of corn yield using remote sensing satellite data in Central Mexico adds to the work contained in its predecessors by developing a methodology for determining growing sites and yield prediction of the corn crop in Mexico using NDVI data derived from NOAA AVHR satellite images and determi

'Crop Plantation Prediction using Analysis of Weather Data

December 26th, 2019 - Rainfall Prediction And Production of Crops Using Data Mining Techniques? 2 Yaser Jararweh Izzat Alsmadi Mahmoud Al Ayyoub amp Darrel Jenerette ?The Analysis of Large Scale

Climate at Jordan ase Study? 3 Awanit Kumar amp Shiv Kumar ?Prediction of Production of Crops using K mean amp Fuzzy Logic?' **Agriculture Analysis for Next Generation High Tech Farming**

November 19th, 2019 - Data Mining is the process of extracting useful and important information from large sets of data In this paper describe an overview of Data Mining techniques applied to agricultural and their applications to agricultural related areas Agriculture prediction is a very important problem in country Any farmer is interested in knowing how much' **An Efficient Data Warehouse for Crop Yield Prediction**

December 6th, 2019 - decision support systems In the latter crop management data analysis based on machine learning and data mining focuses mainly on how to efficiently forecast and improve crop yield In recent years raw and semi processed agricultural data are usually collected using sensors'

'Wheat yield prediction using machine learning and advanced

December 23rd, 2019 - Wheat yield prediction using machine learning and advanced sensing techniques for data mining Irmak et al 2006 for crop yield prediction by using soil properties Drummond et al 2003 and for determining target corn yields leading to the same number of points of 8798 as those of the NDVI and crop yield data points' **'HYBRID**

DECISION SUPPORT SYSTEM FRAMEWORK FOR CROP YIELD

December 26th, 2019 - **HYBRID DECISION SUPPORT SYSTEM FRAMEWORK FOR CROP YIELD PREDICTION AND** and R Maddern ?The application of data mining techniques to characterize agricultural soil profiles ? Proceedings of the sixth Decision

Support Systems An Overview Decision Support System in Agriculture using Quantitative Analysis Udaipur Agrotech' 'Application of Data Mining Techniques for Prediction of

December 15th, 2019 - The paper 11 investigates predictive Apriori algorithm using data mining tool weka for analysis of daily temperature daily rainfall and paddy yield to predict the paddy yield and to analyze the effect of temperature and rainfall on paddy yield The paper 8 states data mining techniques for estimating the future yield'

'Analysis of crop yield prediction using data mining techniques

December 14th, 2019 - Data Mining techniques are the better choices for this purpose Different Data Mining techniques are used and evaluated in agriculture for estimating the future year s crop production This paper presents a brief analysis of crop yield prediction using Multiple Linear Regression MLR technique and Density based clustering technique for the'

'CROP YIELD PREDICTION AND SOIL DATA ANALYSIS USING DATA

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ResearchGate' 'A Model for Prediction of Crop Yield Periyar University

December 26th, 2019 - A Model for Prediction of Crop Yield E Manjula Pachaiyappas College India manjulababul23 gmail com S Djodiltachoumy Pachaiyappas College India djodilatchoumy hotmail com Abstract Data Mining is emerging research field

in crop yield analysis Yield prediction is a very important issue in agricultural''**IJCSt V 2 IS S u e 1 ma r C h 2011 ISSN 2229 4333**

December 21st, 2019 - applications of data mining techniques in the field of agriculture and allied sciences Keywords Data mining crop productivity ID3 algorithm rough sets k nearest neighbour I

Introduction Data mining is the extraction of hidden predictive information from large databases is a powerful new technology with great''**Rice crop yield forecasting of tropical wet and dry**

July 26th, 2019 - The study also applies data mining techniques to extract the knowledge from the historical agriculture data set to predict rice crop yield for Kharif season of Tropical Wet and Dry climatic zone of India The data set has been visualised in Microsoft Office Excel using scatter plots'

'A Parameter Based Customized Artificial Neural Network

December 24th, 2019 - A Parameter Based Customized Artificial Neural Network Model for Crop Yield Prediction Veenadhari et al 8 review the research studies on application of data mining techniques in agricultural field Region specific crop yield analysis a data mining approach''Crop yield estimation model for Iowa using remote sensing

December 13th, 2019 - Crop yield estimation model for Iowa using remote sensing and surface parameters Anup K Prasada Lim Chaib Ramesh P Singha b Menas Kafatosb aDepartment of Civil Engineering Indian Institute of Technology Kanpur 208016 India bCenter for Earth Observing and Space Research School of Computational Sciences''Prediction of Tea

Production in Kenya Using Clustering and

December 2nd, 2019 - The main aim of this paper is to conduct a comprehensive data mining on the Kenyan tea production using clustering and association rule data mining techniques The data set used is from the Kenya Open Data on National Monthly Production Consumption and Export of Tea in 2003 2015'

'Analysis of Soil Behaviour and Prediction of Crop Yield

November 26th, 2019 - **Analysis of Soil Behaviour and Prediction of Crop Yield Using Data Mining Approach** article Paul2015AnalysisOS title **Analysis of Soil Behaviour and Prediction of Crop Yield Using Data Mining Approach** author M Paul and Santosh K Vishwakarma and Ashok Verma journal 2015 International Conference on Computational Intelligence and'

'Use of data mining in crop yield prediction ***Semantic Scholar***

November 25th, 2019 - This paper focuses on implementing crop yield prediction system by using Data Mining techniques by doing analysis on agriculture dataset Different classifiers are used namely J48 LWL LAD Tree and IBK for prediction and then the performance of each is compared using WEKA tool For evaluating performance Accuracy is used as one of the factors'

'Data mining in agriculture Wikipedia

November 22nd, 2019 - Data mining in agriculture is a very recent research topic It consists in the application of data mining techniques to agriculture Recent technologies are nowadays able

to provide a lot of information on agricultural related activities which can then be analyzed in order to find important information' '**A Survey on Agriculture Crop Recommender System**

December 22nd, 2019 - In 11 The system uses various data mining algorithms It performs comparative analysis for the yield prediction of soybean crop Seed yield production and area harvested are the parameters during the analysis phase of the data Support Vector Machine Neural Network Random Forest REPTree Bayes and Bagging'

'ANALYSIS OF CROP YIELD PREDICTION USING DATA MINING TECHNIQUES

December 15th, 2019 - **ANALYSIS OF CROP YIELD PREDICTION USING DATA MINING TECHNIQUES** This paper presents a brief analysis of crop yield prediction using Multiple Linear Regression MLR technique and Density based clustering technique for the selected region i e East Godavari district of Andhra Pradesh in India'

'Qualitative data analysis using regression method for

October 21st, 2019 - **Qualitative data analysis using regression method for agricultural data**
Abstract The apparent of internet has lead to the data explosion which results in the emergence of Data mining Extraction of useful knowledge based content and recognizing the patterns in the dataset are comprehended in the recent decade'

'APPLICATION OF DATA MINING TECHNIQUES IN THE PREDICTION OF

December 23rd, 2019 - **APPLICATION OF DATA MINING TECHNIQUES IN THE PREDICTION OF CLIMATE EFFECT ON AGRICULTURE** ABSTRACT The purpose of this study is

to examine the application of data mining techniques in the prediction of climate effect on agriculture with discussion on different data mining methods which are helpful in building a predictive data mining model''**Latest Data Mining Projects Topics amp Ideas Nevonprojects**
December 27th, 2019 - Our developers constantly compile latest data mining project ideas and topics to help student learn more about data mining algorithms and their usage in the software industry Since data mining algorithms can be used for a wide variety of purposes from behavior prediction to suspicious activity detection our list of data mining projects keeps on expanding every week with some new ideas for''A Smart Agricultural Model by Integrating IoT Mobile and
October 2nd, 2019 - agriculture crop yield analysis using datamining techniques They collected the data from East Godavari district of Andhra Pradesh in India for the duration from 1965 to 2009 The data contains the year rainfall area of sowing and production Multiple Linear Regression MLR and K Means techniques''Review on Crop Yield Prediction using Data Mining Focusing
December 15th, 2019 - should also do the analysis of previous cultivation data The Prediction of crop yield can be done based on historic crop cultivation data and weather data using data mining methods This paper describes the role of data mining in Agriculture and crop yield prediction This paper also describes Groundnut crop yield prediction'

'Analysis of agriculture data using data mining techniques

December 26th, 2019 - This paper focuses on the analysis of the agriculture data and finding optimal parameters to maximize the crop production using data mining techniques Haq N Rahman RM
Application of data mining tools for rice yield prediction on S amp Ankalaki S Analysis of agriculture data using data mining techniques application of big data'

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