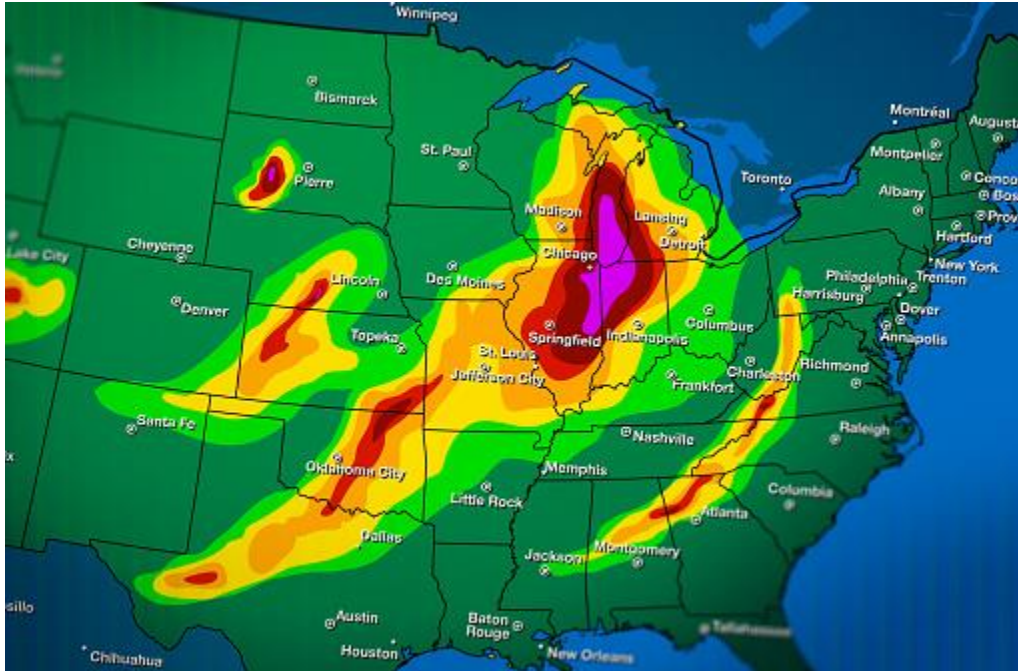


EXPLORATORY ANALYSIS OF RAINFALL DATA IN INDIA FOR AGRICULTURE

TEAM ID – PNT2022TMID32283



TEAM MEMBERS:

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PROBLEM DEFINITION

India is an agricultural country and secondary agriculture based market will be steady with a good monsoon. The economic growth of each year depends on the amount of duration of monsoon rain, bad monsoon can lead to destruction of some crops, which may result in scarcity of some agricultural products which in turn can cause food inflation, insecurity and public unrest. In our analysis we are trying to understand the behavior of rainfall in India over the years, by months and different subdivisions.

OBJECTIVE:

- We have to predict the weather before sown harvesting by use of this Web Application, the prediction is more easy and benefit for farmers.
- Creating a Web Application based on Weather prediction of rainfall.

TECHNOLOGY USED:

- HTML
- CSS
- PYTHON
- SQL
- DATA SCIENCE

LITERATURE SURVEY 1:

NAME OF THE PAPER: Exploratory Data Analysis Of Indian Rainfall Data

NAME OF THE AUTHOR: Anusha Gajinkar

OBJECTIVE/OUTCOME: This Study shows that, India has two monsoon rainfall season one is north west monsoon and second one is south east monsoon.

PUBLISHED DATE: Oct25,2019

LITERATURE SURVEY 2:

NAME OF THE PAPER: Exploratory Data Analysis Of Agriculture Production In India

NAME OF THE AUTHOR: Siddharth Premkumar

OBJECTIVE/OUTCOME: In this Article it show, India is the second Argo based country In the world. Uttar Pradesh is the no 1 state in India to export more production in Argo

PUBLISHED DATE: Apr 18,2019

LITERATURE SURVEY 3:

NAME OF THE PAPER: An Exploratory Study On Occurrence And Impact Of Climate Change On Agriculture In Tamil Nadu, India

NAME OF THE AUTHOR: Jayakumara Varadan, Pramod Kumar, Girish jha, Suresh Pal, Rashmi Singh.

OBJECTIVE/OUTCOME : This study detailed about impact of climate change in Indian monsoon and it pros and cons.

PUBLISHED DATE: Feb,2019

THANK YOU

