**Rajasthan** is a state of India that has been incorporating trending agricultural methods due to the scarcity of the water as a resource and thus becomes a unique hotspot for data scientists and machine learning engineers to use their predictive analysis methods in the domain of agriculture for future.

This dataset provides comprehensive agricultural data for Rajasthan, India from 2018 to 2019. It contains four of his CSV files: **Crop\_Production\_Data.csv, Water\_Usage\_Data.csv, Soil\_Analysis\_Data.csv, and Crop\_Price\_Data.csv**. This dataset will be a valuable resource for researchers and data scientists working in the agricultural sector, enabling them to analyze and model various aspects of agricultural practices and market dynamics in Rajasthan.

1. **Crop\_Production\_Data.csv**:  
   This file contains crop production information such as district, crop type, season, area (hectares), yield (quintals) and production (tonnes). Researchers and analysts can use this data to study crop productivity, analyze seasonal variations, and identify patterns of crop production in different districts of Rajasthan.
2. **water\_usage\_data.csv**:  
   The Water\_usage\_data.csv file provides insight into water usage in agriculture. This includes details such as district, crop type, irrigation method used, water consumption (liters/ha), and water availability (liters/ha). This information can be used to analyze water management practices, assess the efficiency of different irrigation methods, and study the impact of water availability on crop production.
3. **Soil analysis\_data.csv**:  
   This file contains the soil quality, including area, soil type, pH, percentage of organic matter, nitrogen content (kg/ha), phosphorus content (kg/ha), and potassium content (kg/ha). Contains analytical data. Researchers and scientists can use this data to study soil properties, assess soil fertility, and understand the nutrient content of different types of soils in Rajasthan.
4. **Crop\_price\_data.csv**:  
   The Crop\_price\_data.csv file contains data about crop prices for different markets (mandi) in different counties. This includes information such as district, crop type, market, date and price (INR/100 weight approx). This dataset is useful for studying crop price trends, analyzing market trends