**REPORT**

**Abstract**

This report presents the findings of a project to analyze agricultural data for India from 1996 to 2022. The data was collected from various sources, including the Ministry of Agriculture, the Directorate of Economics and Statistics, and the National Bureau of Statistics. The data was cleaned and processed using IBM Cognos Analytics software. An interactive dashboard was created that provides a variety of charts, graphs, and filters to allow for in-depth analysis and exploration of agricultural trends in India.

The dashboard reveals a number of interesting trends. For example, Kharif (40.1 %), Rabi (29.2 %), and Whole Year (19.9 %) are the most frequently occurring categories of Season. The dashboard also shows that the area under cultivation has decreased, while the yield per unit area has increased. This suggests that farmers are becoming more efficient in their use of land and resources.

The dashboard also provides insights into the future trends in the agricultural area. For example, the report projected that by 2025, West Bengal will exceed Karnataka in Yield by over six thousand. Additionally, Based on the current forecasting, the report shows that Yield may reach nearly 1.9 million by Crop Year 2025.

The dashboard provides a valuable resource for policymakers and stakeholders who are interested in understanding the current state of Indian agriculture and the challenges it faces. The dashboard can be used to identify areas where interventions are needed to improve agricultural productivity and sustainability.