

Crop Production Analysis

Wireframe Documentation

Homepage

As per the problem statement, we have divided analysis into several sections: -

1. Problem statement info page

The screenshot displays a Power BI dashboard titled "CROP PRODUCTION ANALYSIS IN INDIA". The dashboard is set against a background image of a green seedling growing from brown soil. A central text box contains the following information:

The Agriculture business domain, as a vital part of the overall supply chain, is expected to highly evolve in the coming years via the developments, which are taking place on the side of the Future Internet. This paper presents a novel Business-to-Business collaboration platform from the agri-food sector perspective, which aims to facilitate the collaboration of numerous stakeholders belonging to associated business domains, in an effective and flexible manner.

This dataset provides a huge amount of information on crop production in India ranging from several years. Based on the Information the ultimate goal would be to predict crop production and find important insights highlighting key indicators and metrics that influence the crop production.

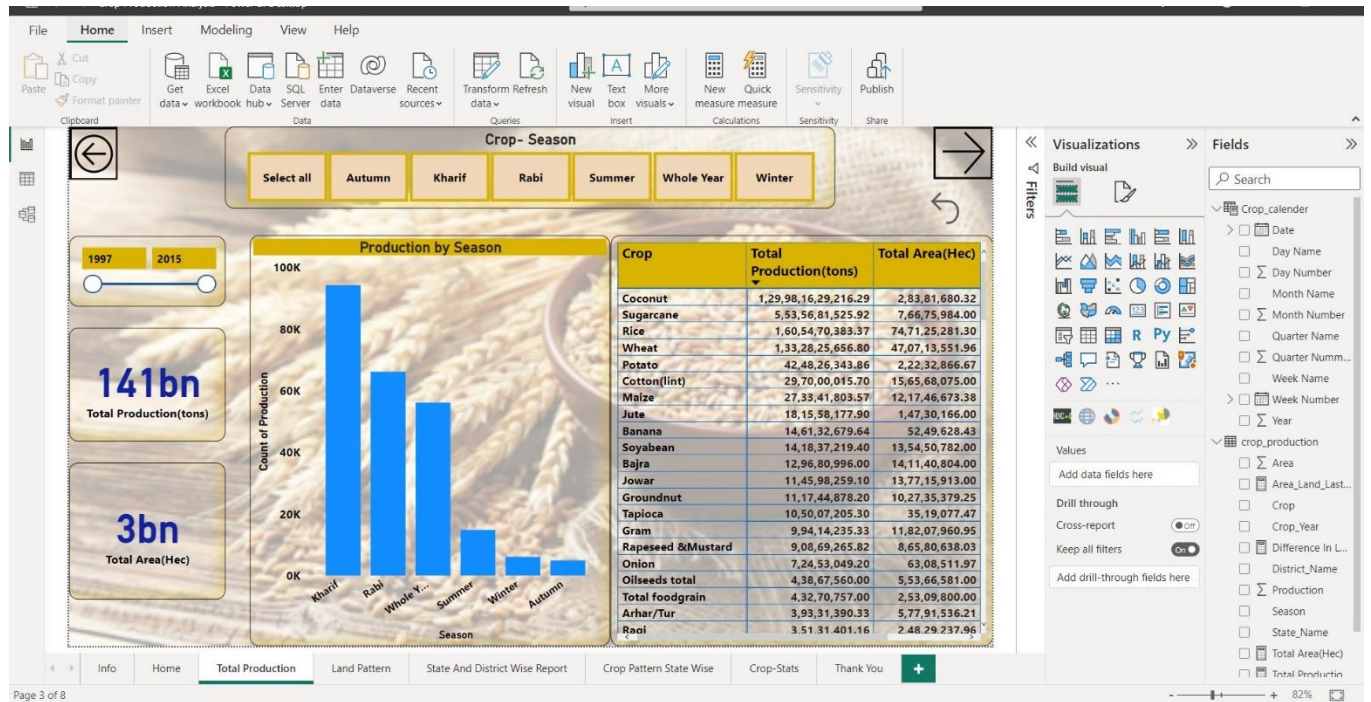
Created By - Juli Kumari

The dashboard interface includes a top ribbon with tabs: File, Home, Insert, Modeling, View, and Help. The Home tab is active, showing various toolbars for data operations (Get data, Excel, Data, SQL, Enter, Dataverse, Recent sources), queries (Transform, Refresh, data), visualizations (New visual, Text box, More visuals), calculations (New, Quick measure, measure), sensitivity, and publishing. On the right, the Visualizations pane shows a list of fields for "Crop_calendar" and "crop_production". The "Crop_calendar" fields include Date, Day Name, Day Number, Month Name, Month Number, Quarter Name, Quarter Number, Week Name, Week Number, and Year. The "crop_production" fields include Area, Area_Land_Last..., Crop, Crop_Year, Difference In..., District_Name, Production, Season, State_Name, Total Area(Hec), and Total Production. The bottom of the dashboard features a navigation bar with tabs: Info, Home, Total Production, Land Pattern, State And District Wise Report, Crop Pattern State Wise, Crop-Stats, and Thank You. The "Info" tab is currently selected. The status bar at the bottom left indicates "Page 1 of 8" and the bottom right shows a zoom level of "83%".

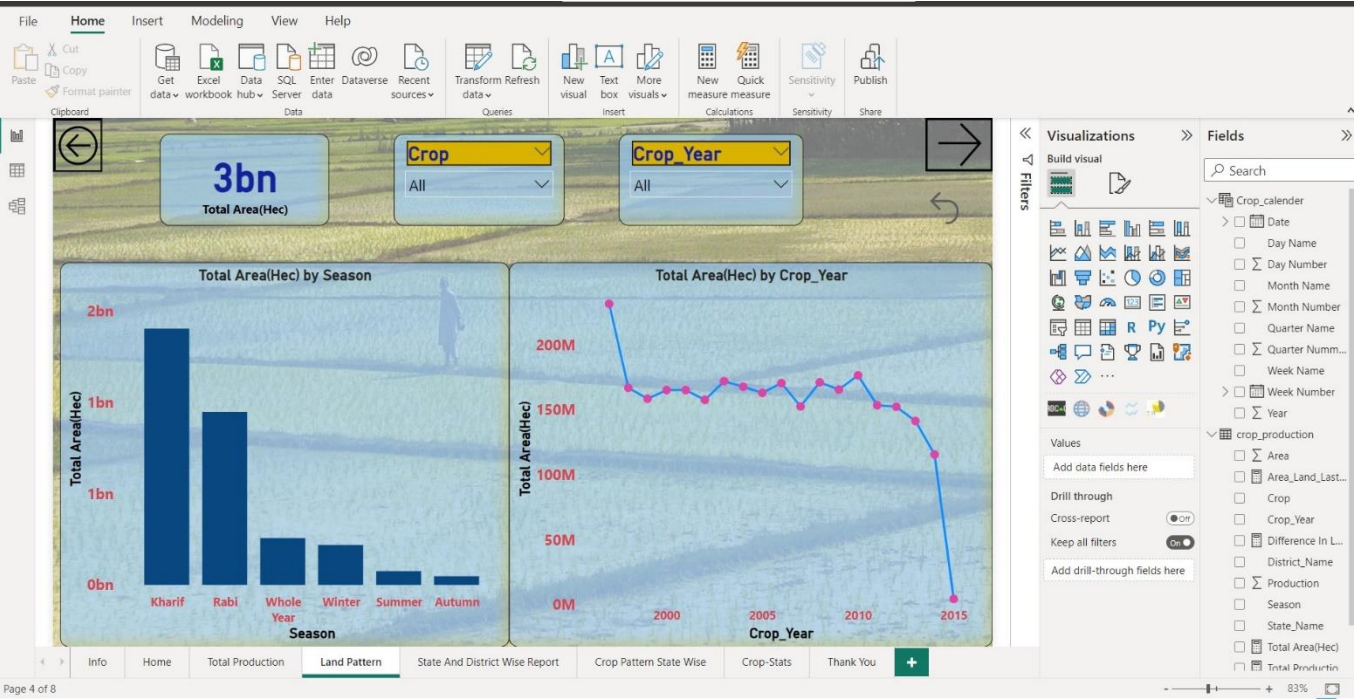
2.Home Page



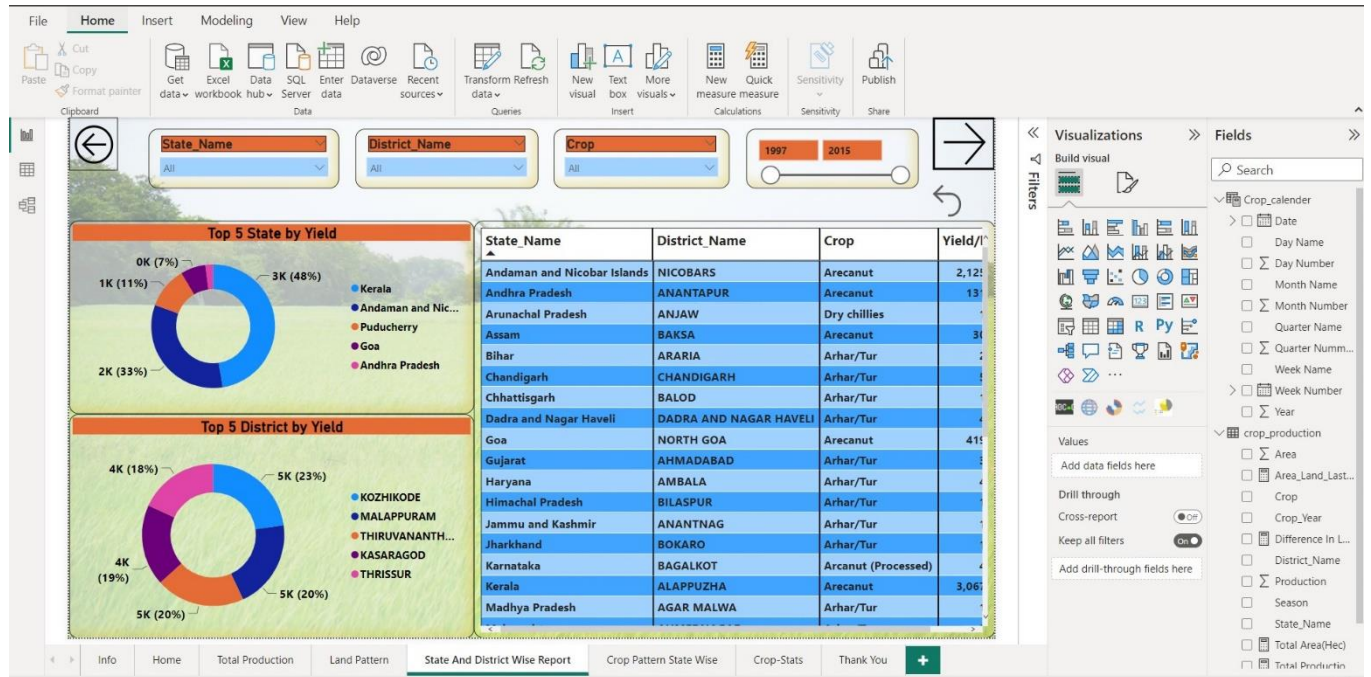
3. Total Production Metrix



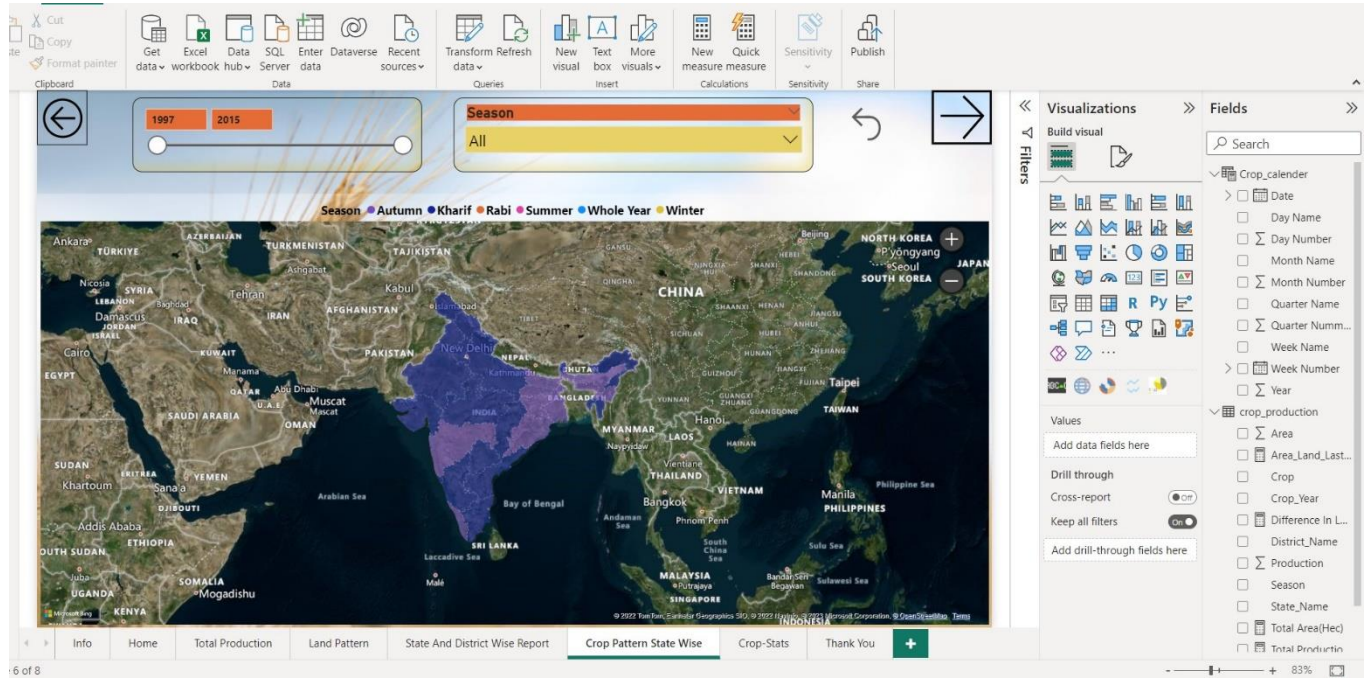
4. Total Production wise land Pattern.



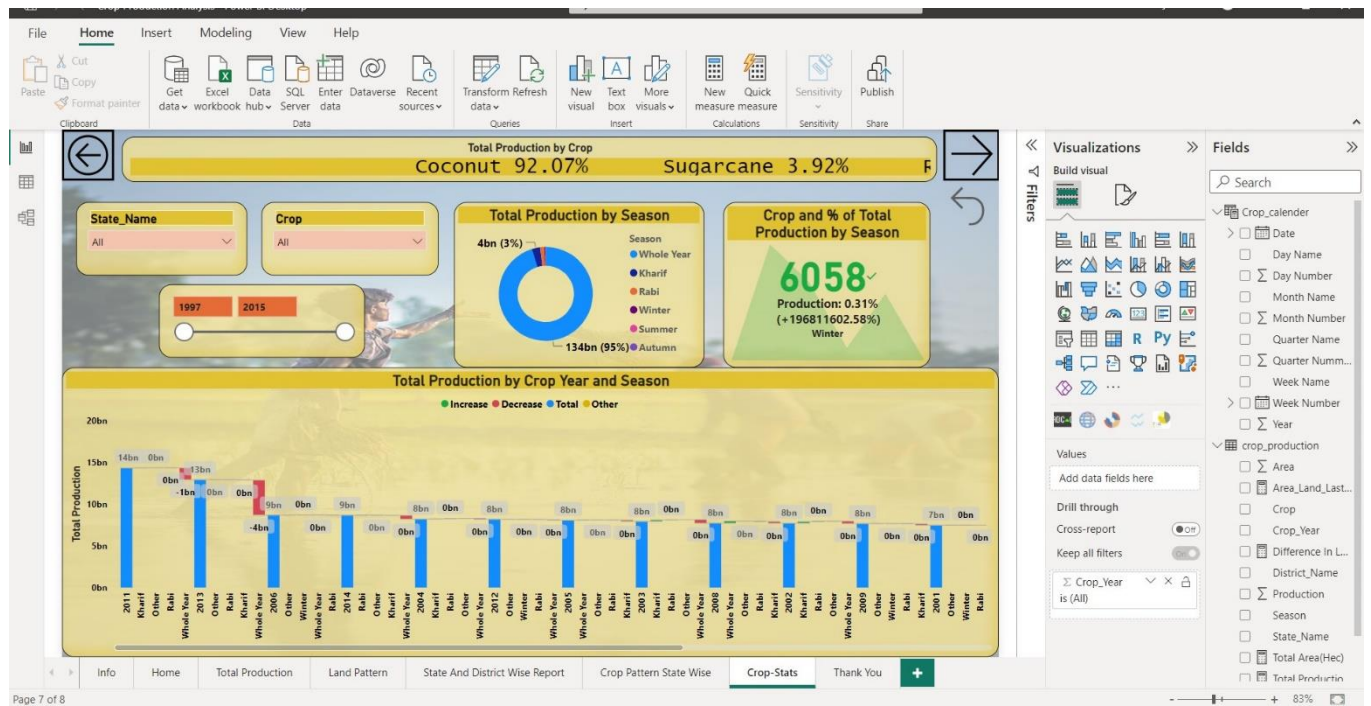
5.State and District wise crop production and top 5 states report by yield



6.Crop Pattern State wise report.



7. Crop stats.



8. Thank You page

