AGRICULTURE (INDIA) DATA ANALYSIS

Wireframe Design

Abstract

This project explores India's agricultural growth over five decades, focusing on key metrics such as fertilizer consumption, agricultural productivity, livestock production, and food production. The analysis highlights significant trends and growth patterns, identifying periods of rapid development and subsequent slowdowns.

By leveraging Power BI, the project creates interactive dashboards that visualize historical insights and annual growth rates, offering a comprehensive understanding of India's agricultural progress. These insights are designed to assist policymakers and stakeholders in addressing challenges related to productivity, sustainability, and resource allocation in the agricultural sector.

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Document Version Control

Date	Version	Description	Author
26-Nov-2024	1.0	Initial version of the WFD	Shivam Kushwaha

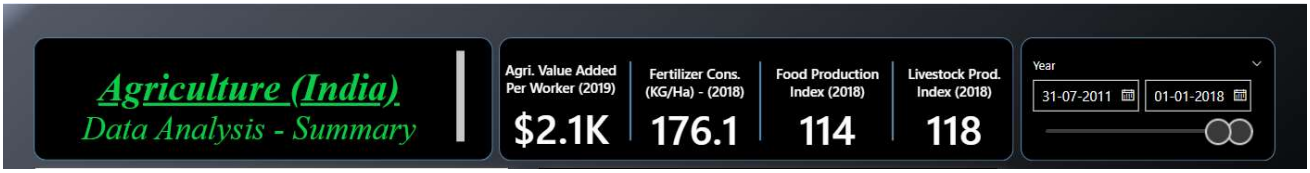
Dashboard Wireframe Design

Based Upon the Project's Problem statement and the Parameter provided in the dataset Wireframe design for the Power Bi Project Dashboard will be as follows:

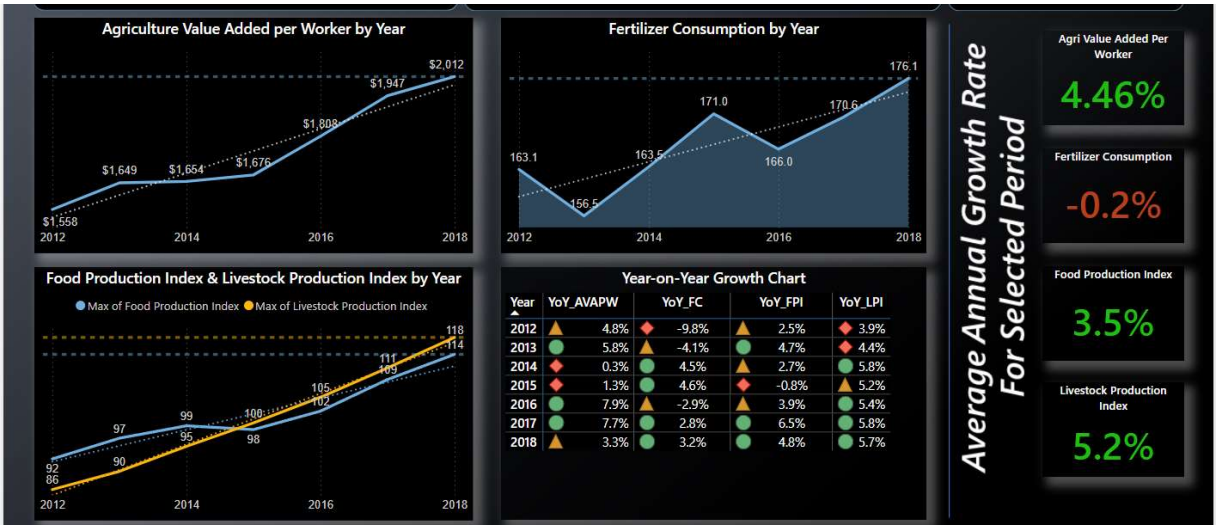
- **Cards**: Display KPIs for each metric.
- **Line Graphs**: Trends for fertilizer consumption, agricultural value-added per worker, livestock production index, and food production index.
- **Matrix**: Year-over-year growth percentage.
- **Slicer**: Time slider (1961–2022).

Page Layout

1. **Header**:
    - Dashboard title.
    - **Cards**: KPIs for key years.
    - Slicer: Time range (1961–2022).



2. **Body**:
    - **Visuals**:
        1. Line graph for ***Agricultural Value Addition Per Worker*** trends.
        2. Line graph for ***Fertilizer Consumption*** trends.
        3. Line graph for ***Food Production Index*** & ***Livestock Production Index***.
        4. Matrix showing ***Y-o-Y Growth Rates*** with conditional formatting (Icons).
    - **Cards**: KPIs ***Average Annual Growth Rate*** for selected years with conditional formatting (Text Colours).



3. **Footer**:
    - Data source web URL and credits in “i-Button”.
    - Report created by.


Created By : profshivamm@gmail.com