

# Dashboard Design

Date	29 July 2025
Team ID	Sukriti
Project Name	Predicting Plant Growth Stages with Environmental and Management Data Using Power BI
Maximum Marks	5 Marks

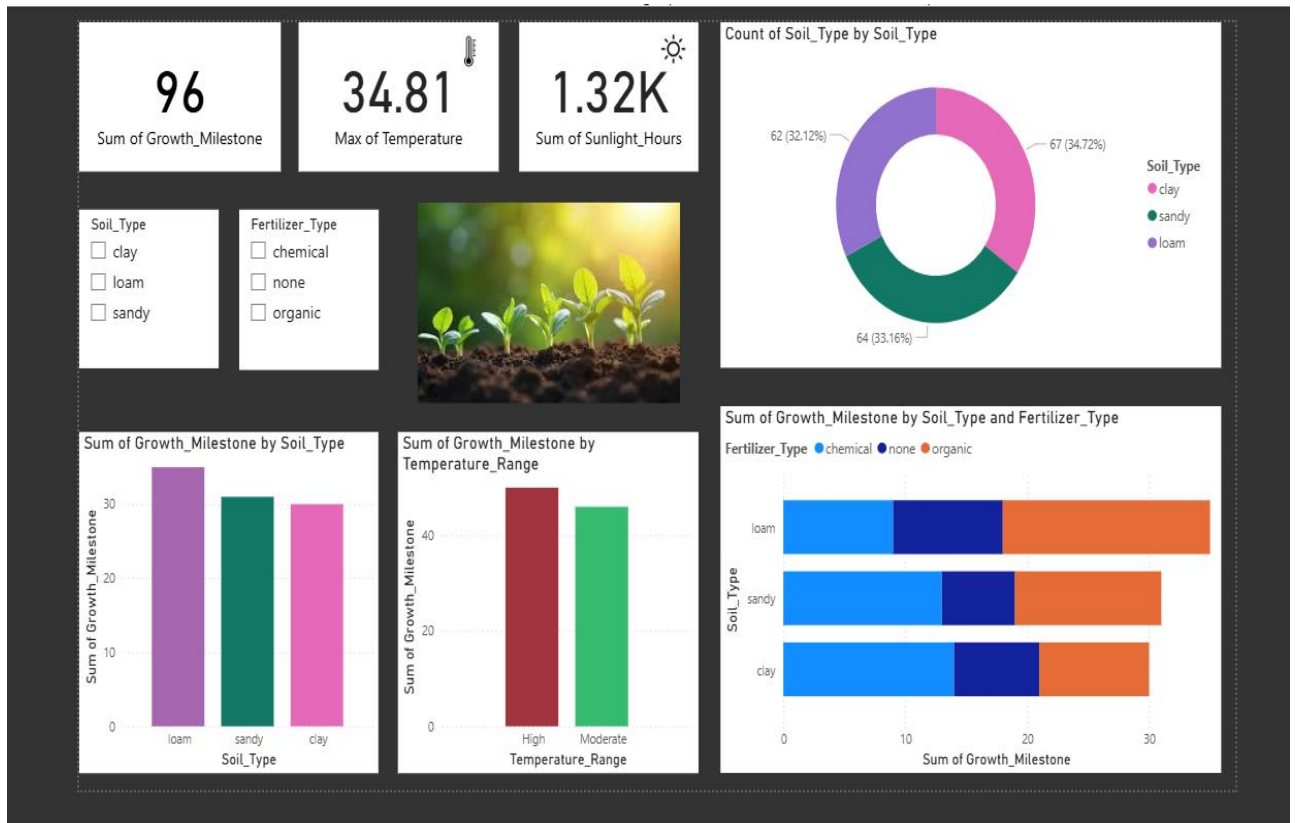
Creating an effective dashboard involves thoughtful design to ensure that the presented information is clear, relevant, and easily understandable for the intended audience.

Here are some key principles and best practices for dashboard design

## **Activity 1: Interactive and visually appealing dashboards**

Creating interactive and visually appealing dashboards involves a combination of thoughtful design, effective use of visual elements, and the incorporation of interactive features. Here are some tips to help you design dashboards that are both visually appealing and engaging for users so take care of below points

- Clear and Intuitive Layout
- Use Appropriate Visualizations
- Colour and Theming
- Interactive Filters and Slicers
- Drill-Down Capabilities
- Responsive Design
- Custom Visuals and Icons
- Use of Infographics



#### Major Insights from Dashboard:

1. Total Growth Milestone across all data points is 96 units.
2. Loam soil achieved the highest total growth milestone, followed closely by sandy and clay soils.
3. ? Maximum recorded temperature is 34.81°C.
4. ? Sunlight exposure totals 1.32K hours, indicating strong light availability as a growth factor.
5. ? Growth is higher under “High” temperature ranges compared to “Moderate”.
6. Organic fertilizer appears most effective, contributing the largest share of growth across all soil types.
7. Chemical fertilizer also contributes significantly but not as much as organic.