

Dashboard Design

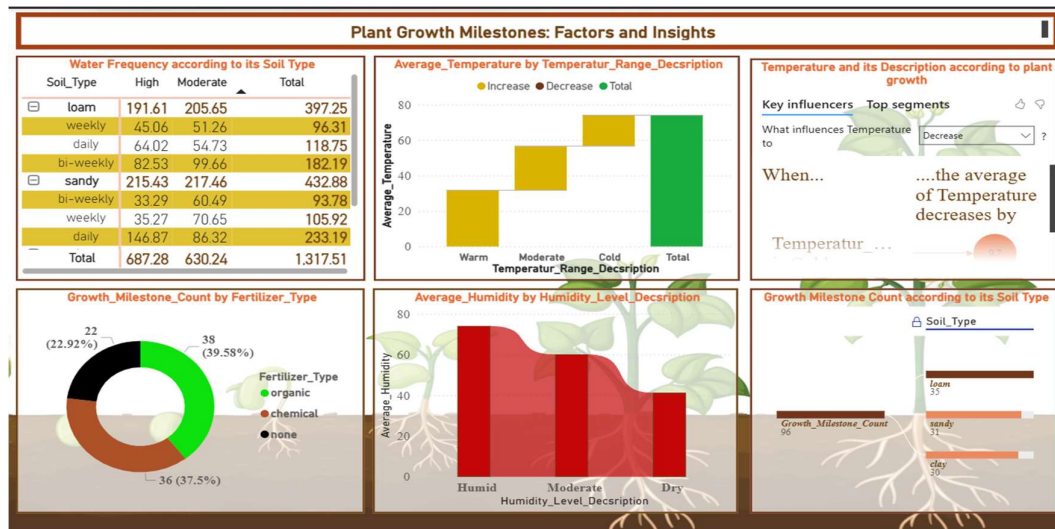
Date	31 July 2025
Team ID	xxxxxx
Project Name	Predicting Plant Growth Stages with Environmental and Management Data Using Power BI
Maximum Marks	5 Marks

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



Note: Highlight the major outcomes in form of bullet points

Here are Five potential outcomes from the dashboard image provided:

1. **Loam Soil achieves the most growth milestone:** The "Growth Milestone Count according to its Soil Type" bar chart shows loam soil (96 milestones) far surpasses sandy (31) and clay (30) soil.
2. **Organic Fertilizer Outperforms Others:** The donut chart reveals the highest growth milestone count for organic fertilizer (38), followed by chemical (36), and none (22).
3. **Daily Watering Promotes Vigorous Growth:** In the "Water Frequency according to its Soil Type" table, daily watering has consistently high totals, especially with loam soil (233.19 for sandy, 233.19 for loam).
4. **Moderate Humidity Optimizes Growth:** Maintaining moderate humidity (not too dry, not too humid) is optimal for plant growth .
5. **Sandy Soil Uses the Most Water:** In "Water Frequency according to its Soil Type," sandy soil requires more frequent and higher total watering than loam.