**Dashboard Design**

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| Date | 10 August 2025 |
| Team ID | xxxxxx |
| Project Name | Predicting Plant Growth Stages Using Environmental & Management Data in Power BI |
| Maximum Marks | 5 Marks |

Creating an effective dashboard involves organizing charts, KPIs, and visuals so they are clear, interactive, and relevant to the project objectives. The goal is to help viewers quickly interpret plant growth trends, environmental conditions, and productivity insights.

**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

* Data appropriate to the topic
* Logical layout with clear categories
* Color coding for easy interpretation
* Drill-down capability
* Plant growth trend charts
* Environmental parameter graphs (temperature, humidity, sunlight)
* Comparative analysis icons

**Note:** Highlight the major outcomes in form of bullet points

Sample:

Here are five potential outcomes from the dashboard image provided:

1. Plants receiving 6–8 hours of sunlight grew 15% faster than those with less than 4 hours.

2. Weekly watering combined with organic fertilizer improved growth consistency by 12%.

3. Temperatures exceeding 35°C slowed early-stage plant growth.

4. Farms maintaining 50–70% humidity showed fewer delays in growth stages.

5. Predicted growth stages matched actual milestones in 85% of cases.