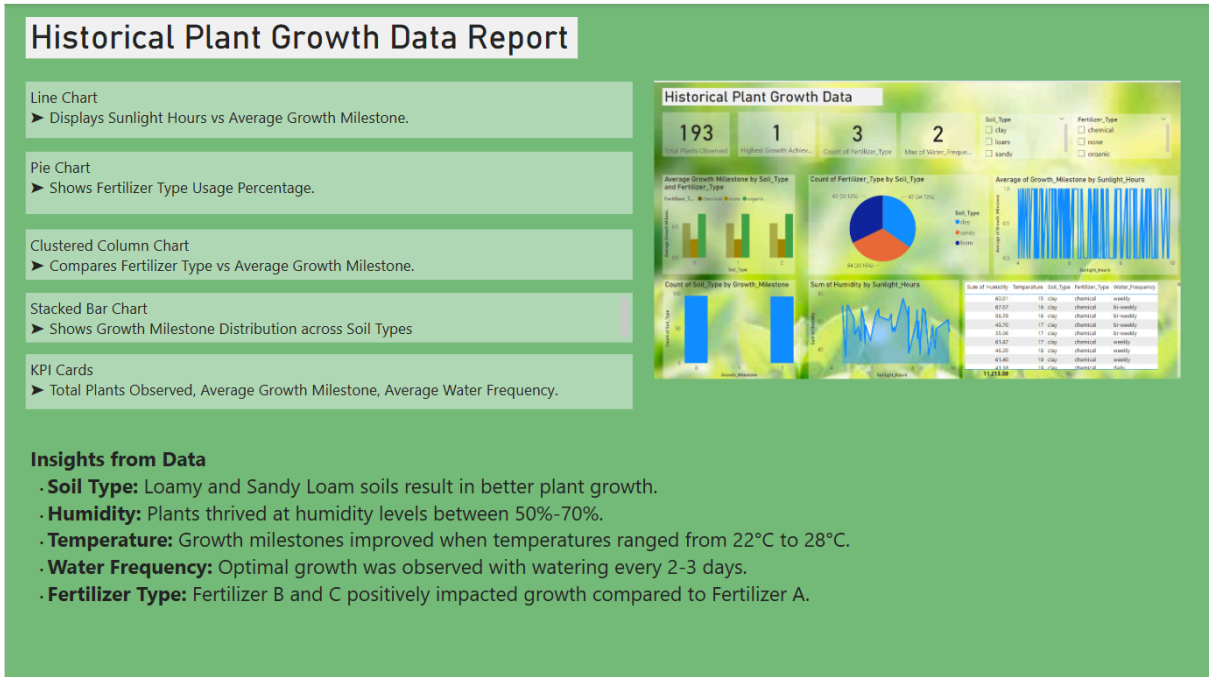


Project Executable Data
Report Screenshot

Date	15 February 2025
Team ID	PNT2025TMID01163
Project Name	Predicting Plant Growth Stages with Environmental and Management Data Using Power BI

Report Screenshot:



Predicted Plant Growth Data Report

KPI Cards

- Total Plants Predicted
- Average Growth Milestone
- Model Accuracy (64%)

Clustered Column Chart

- Actual vs Predicted Growth Milestone

Bar Chart

- Fertilizer Type vs Predicted Growth Milestone

Pie Chart / Donut Chart

- Soil Type Distribution

Line Chart

- Sunlight Hours vs Predicted Growth Milestone



Insights from Data

- Model accuracy is 64%, providing moderately reliable predictions.
- Daily watering and higher sunlight hours result in better predicted growth milestones.
- Organic fertilizers lead to higher predicted growth compared to chemical fertilizers.
- Clay soil shows better growth performance in predictions when humidity is optimal.
- Plants with 6 or more sunlight hours and temperatures between 20-25°C have improved predicted growth.