

Project Design Phase Solution Architecture

Date	10 February 2025
Team ID	PNT2025TMID06955
Project Name	Predicting Plant Growth Stages with Environmental and Management Data
Maximum Marks	4 Marks

Solution Architecture:

Solution architecture defines the **end-to-end technical implementation** of the project, ensuring seamless integration between **data sources, processing, analytics, and user interaction**. This architecture helps in **analyzing environmental and management data** to predict **plant growth stages**, allowing farmers and agritech companies to optimize crop yield and sustainability.

Example - Solution Architecture Diagram:

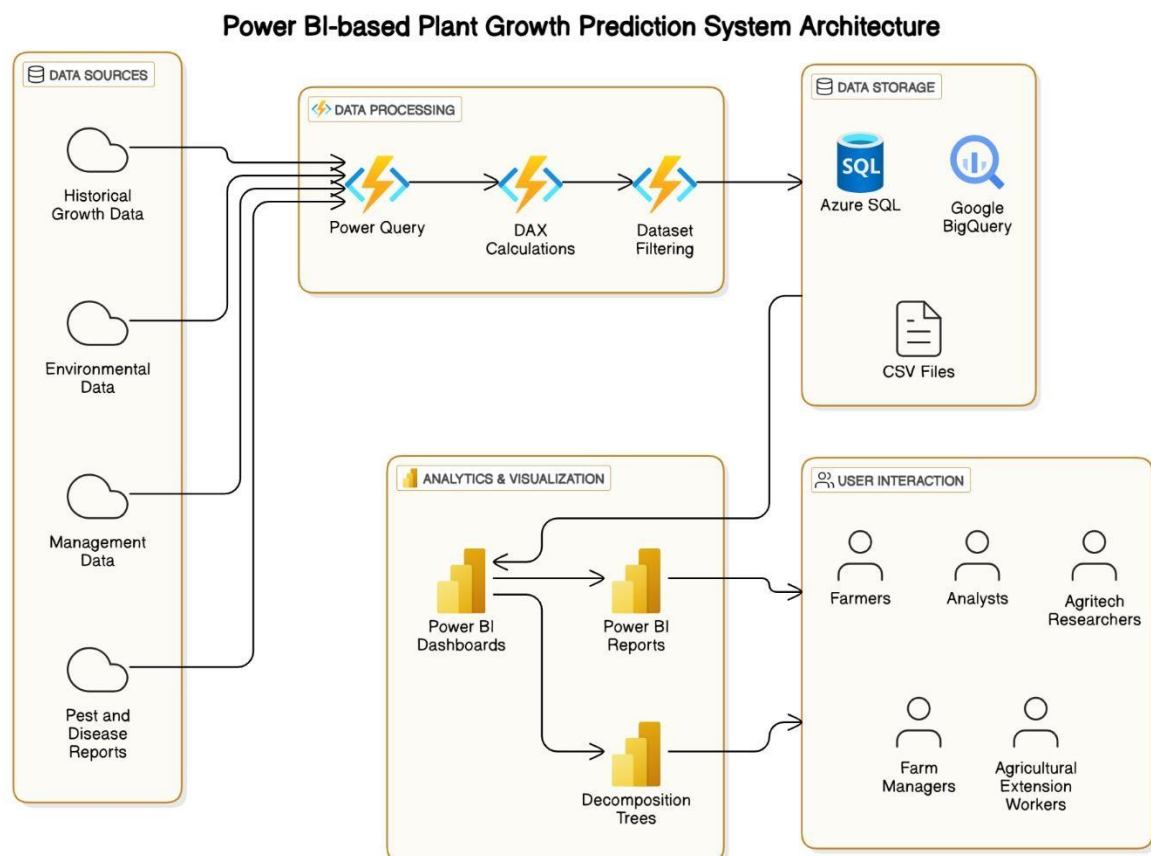


Figure 1: Architecture and data flow of the voice patient diary sample application