

Solution Architecture

Solution Architecture defines the technical structure of the project, from data input to user interaction.

Solution Architecture Components

- ◆ Data Source: Excel / CSV file with food production records (1961-2023).
- ◆ Processing Layer: Power BI's Power Query, DAX, and Data Model for transformation.
- ◆ Visualization Layer: Power BI reports with charts, maps, slicers.
- ◆ User Interaction: Filters & drill-through to explore trends dynamically.
- ◆ Deployment: GitHub repository for file sharing & project submission.

Solution Architecture Diagram

