

## Solution Requirement

This section defines the requirements needed for the project, including data, functionality, and outputs.

### Key Requirements

#### ✓ Data Requirements

- Global food production dataset (1961-2023)
- Country-wise & category-wise data

#### ✓ Functional Requirements

- Data visualization in Power BI
- Filters & slicers for interactive analysis
- Export & report generation

#### ✓ Performance Requirements

- Quick loading of large datasets
- Real-time interactivity without lags

#### ✓ Security Requirements

- Read-only access for users
- Data integrity maintained