

Initial Project Planning Template

Date	15 March 2024
Team ID	SWUID20250213607
Project Name	Global Food Production Trends and Analysis: A Comprehensive Study from 1961 to 2023 Using Power BI
Maximum Marks	4 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Use the below template to create a product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
Sprint-1	Data Ingestion	USN-1	Gathering, importing global food data	1	High	self	03 Oct 2025	03 Oct 2025
Sprint-1	Data Cleaning	USN-2	Cleaning, transforming, handling missing values	2	High	self	03 Oct 2025	04 Oct 2025
Sprint-2	Data Transformation	USN-3	Filter relevant years/crops, sort by year/entity, create calculated columns	2	High	self	05 Oct 2025	05 Oct 2025
Sprint-2	Data Transformation	USN-4	Convert columns to appropriate data types in Power BI	1	Medium	self	05 Oct 2025	05 Oct 2025

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
Sprint-3	Data Modelling	USN-5	Define relationships between tables (production, entity, year) and create measures	2	High	self	06 Oct 2025	06 Oct 2025
Sprint-4	Data Visualization	USN-6	Create interactive trend charts for crop/year/entity in Power BI	3	High	self	07 Oct 2025	07 Oct 2025
Sprint-4	Dashboard & Insights	USN-7	Build Power BI dashboard with filters/slicers for crop, year, and region	2	High	self	07 Oct 2025	08 Oct 2025
Sprint-5	Reporting & Documentation	USN-8	Generate summary reports and export dashboard screenshots for submission	2	High	self	09 Oct 2025	10 Oct 2025