

Initial Project Planning Template

Date	29 July 2025
Team ID	xxxxxx
Project Name	Global Food Production Analysis (1961-2023)
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 Preparation	SCRUM-13	Import the Global Food Dataset into Power BI	3	High	Piyush Kanojia	21/07/25	22/07/25
Sprint-1	Data Preparation	SCRUM-14	Explore dataset columns and understand data structure	2	Medium	Piyush Kanojia	21/07/25	22/07/25
Sprint-1	Data Preparation	SCRUM-15	Filter and retain useful rows including FAO and World	1	Low	Piyush Kanojia	21/07/25	22/07/25
Sprint-2	Data Modeling	SCRUM-16	Format data types (e.g., year, value, entity)	3	High	Piyush Kanojia	23/07/25	24/07/25
Sprint-2	Data Modeling	SCRUM-17	Remove or handle missing/null values	2	Medium	Piyush Kanojia	23/07/25	24/07/25
Sprint-2	Data Modeling	SCRUM-18	Rename columns for clarity (e.g., Entity → Country)	1	Low	Piyush Kanojia	23/07/25	24/07/25

Sprint-3	DAX Measures	SCRUM-19	Create DAX measure for total crop production	3	High	Piyush Kanojia	25/07/25	26/07/25
Sprint-3	DAX Measures	SCRUM-20	Create DAX measure for top crop by year	2	Medium	Piyush Kanojia	25/07/25	26/07/25
Sprint-3	DAX Measures	SCRUM-21	Create DAX measure for crop share (%)	2	Medium	Piyush Kanojia	25/07/25	26/07/25
Sprint-4	Dashboard Visuals	SCRUM-22	Create bar chart by crop production	3	High	Piyush Kanojia	27/07/25	28/07/25
Sprint-4	Dashboard Visuals	SCRUM-23	Create line/area chart for year-wise trends	2	Medium	Piyush Kanojia	27/07/25	28/07/25
Sprint-4	Dashboard Visuals	SCRUM-24	Create donut chart for latest year crop share	1	Low	Piyush Kanojia	27/07/25	28/07/25
Sprint-5	Interactivity & UX	SCRUM-25	Add slicers for year and country/entity	3	High	Piyush Kanojia	28/07/25	28/07/25
Sprint-5	Interactivity & UX	SCRUM-26	Add tooltips and hover interactivity	1	Low	Piyush Kanojia	28/07/25	28/07/25
Sprint-5	Interactivity & UX	SCRUM-27	Test filters and visual synchronization	2	Medium	Piyush Kanojia	28/07/25	28/07/25
Sprint-6	Final Dashboard Polish	SCRUM-28	Clean layout and align visuals properly	2	Medium	Piyush Kanojia	29/07/25	29/07/25
Sprint-6	Final Dashboard Polish	SCRUM-29	Add dashboard title and description summary	1	Low	Piyush Kanojia	29/07/25	29/07/25
Sprint-6	Final Dashboard Polish	SCRUM-30	Export dashboard and submit final documentation	3	High	Piyush Kanojia	29/07/25	29/07/25

