

## Initial Project Planning Template

Date	29 June 2025
SkillWallet ID	SWUID20250170810
Project Name	Global Food Production Trends and Analysis: A Comprehensive Study from 1961 to 2023 Using Power BI
Maximum Marks	4 Marks

Sprint	Functional Requirements	User Story Number	User Story/Task	Story Points	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
Sprint-1	Data Preparation	USN-1	As a data analyst, I want to import the Kaggle dataset into Power BI to begin analysis.	2	High	Anshika	28/06/2025	29/06/2025

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Sprint-1	Data Cleaning & Transformation	USN-2	As a data analyst, I want to clean and structure the dataset to ensure consistency across years and regions.	3	High	Anshika	29/06/2025	30/06/2025
Sprint-2	Crop-wise Dashboard	USN-3	As a user, I want to see a dashboard showing total production of wheat, rice, maize, etc. over the years.	3	High	Anshika	29/06/2025	30/06/2025
Sprint-2	Region-wise Dashboard	USN-4	As a user, I want to explore production by regions (continents/countries) to identify key producers of major crops.	3	High	Anshika	30/06/2025	01/07/2025

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Sprint-3	Fruit Production Comparison	USN-5	As a user, I want to compare the production of apples, bananas, oranges, and grapes via a visual chart.	2	Medium	Anshika	30/06/2025	01/07/2025
Sprint-3	Time-Series Visualisation	USN-6	As a user, I want to see year-wise trends of wheat, maize, and rice using an area chart.	2	High	Anshika	01/07/2025	02/07/2025
Sprint-4	Coffee and Tea Insights	USN-7	As a user, I want to view production insights for tea and green coffee, including top-producing continents.	2	Medium	Anshika	01/07/2025	02/07/2025

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Sprint-4	Interactive Filters and Slicers	USN-8	As a user, I want to filter dashboards by year, crop, and region for customized insights.	3	High	Anshika	02/07/2025	03/07/2025
Sprint-5	Final Dashboard Integration & Testing	USN-9	As a developer, I want to integrate all visuals into a single, interactive Power BI report and test its functionality.	3	High	Anshika	02/07/2025	03/07/2025
Sprint-5	Report Documentation and Delivery	USN-10	As a developer, I want to document the dashboard insights and prepare the final	2	Medium	Anshika	03/07/2025	04/07/2025

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			presentation/report.					

