**Initial Project Planning Template**

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| Date | 25 october 2025 |
| Team ID | SWUID20240103675 |
| Project Name | Power BI Inflation Analysis: Journeying Through Global Economic Terrain |
| 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 Collection & Cleaning | USN-1 | As a data analyst, I can collect and clean global inflation data from verified sources for analysis. | 3 | High | Karthik Madepalli | 1 OCT 2025 | 2 OCT 2025 |
| Sprint-1 | Data Preprocessing | USN-2 | As a user, I can preprocess the inflation dataset using Power BI Power Query to remove duplicates and handle missing values. | 2 | High | Karthik Madepalli | 2 OCT 2025 | 3 OCT 2025 |
| Sprint-2 | Visualization | USN-3 | As a user, I can visualize global inflation trends by year and region using charts and KPIs in Power BI. | 3 | High | Karthik Madepalli | 3 OCT 2025 | 4 OCT 2025 |
| Sprint-1 | Dashboard Design | USN-4 | As a user, I can design an interactive dashboard with filters, slicers, and maps to explore inflation insights. | 3 | Medium | Karthik Madepalli | 5 OCT 2025 | 6 OCT 2025 |
| Sprint-1 | Report Generation | USN-5 | As a user, I can export insights and reports from the Power BI dashboard for presentation and documentation. | 2 | Medium | Karthik Madepalli | 6 OCT 2025 | 8 OCT 2025 |