**Project Planning Phase**

**Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)**

|  |  |
| --- | --- |
| Date | 15 February 2025 |
| Team ID | PNT2025TMID02756 |
| Project Name | Power BI Inflation Analysis: Journeying Through Global Economic Terrain. |
| Maximum Marks | 5 Marks |

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

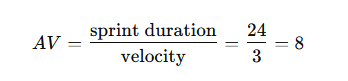
Use the below template to create product backlog and sprint schedule

| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint-1 | Data Collection & Preprocessing | USN-1 | As a user, I can import inflation data into Power BI. | 2 | High | Shreeya Mane |
| Sprint-1 | Data Cleaning | USN-2 | As a user, I can remove missing values and format inflation data. | 3 | High | Shreeya Mane |
| Sprint-1 | Data Transformation | USN-3 | As a user, I can unpivot columns and structure data. | 3 | Medium | Shreeya Mane |
| Sprint-2 | Data Visualization | USN-4 | As a user, I can create a dashboard with inflation trends. | 5 | High | Tanvi Kanase |
| Sprint-2 | Interactive Features | USN-5 | As a user, I can apply filters to explore inflation by country. | 3 | Medium | Tanvi Kanase |
| Sprint-2 | Report Generation | USN-6 | As a user, I can export reports in PDF and PPT formats. | 2 | High | Tanvi Kanase |
| Sprint-3 | Testing & Refinements | USN-7 | As a user, I can verify the correctness of inflation trends. | 4 | High | Tanvi Kanase |
| Sprint-3 | Final Review | USN-8 | As a user, I can present the final project for evaluation. | 2 | High | Shreeya Mane |

**Project Tracker, Velocity & Burndown Chart: (4 Marks)**

| **Sprint** | **Total Story Points** | **Duration** | **Sprint Start Date** | **Sprint End Date (Planned)** | **Story Points Completed (as on Planned End Date)** | **Sprint Release Date (Actual)** |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint-1 | 8 | 5 Days | 01 March 2025 | 06 March 2025 | 8 | 06 March 2025 |
| Sprint-2 | 10 | 5 Days | 07 March 2025 | 12 March 2025 | 10 | 12 March 2025 |
| Sprint-3 | 6 | 1 Day | 13 March 2025 | 13 March 2025 | 6 | 13 March 2025 |

**Velocity:**



**Burndown Chart:**

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile[software development](https://www.visual-paradigm.com/scrum/what-is-agile-software-development/) methodologies such as [Scrum](https://www.visual-paradigm.com/scrum/scrum-in-3-minutes/). However, burn down charts can be applied to any project containing measurable progress over time.

