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

Date	15 February 2025
Team ID	PNT2025TMID04732
Project Name	Power BI Inflation Analysis Journeying Through Global Economic Terrain
Maximum Marks	5 Marks

Product Backlog, Sprint Schedule, and Estimation

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Data Collection & Cleaning	USN-1	As a data analyst, I want to load and clean the dataset so that it is ready for analysis.	3	High	Akash
Sprint-1		USN-2	As a data analyst, I want to remove missing or inconsistent values from the dataset.	2	High	
Sprint-2	Data Transformation	USN-3	As a data analyst, I want to normalize country names for consistency.	2	Medium	Abhay
Sprint-2		USN-4	As a data analyst, I want to merge multiple datasets for easier analysis.	3	High	
Sprint-3	Data Visualization	USN-5	As a Power BI user, I want to create a dashboard displaying Power BI Inflation Through Global Economic Terrain	5	High	Pranav
Sprint-3		USN-6	As a Power BI user, I want to visualize Power BI Inflation acroos the world	4	High	

| Sprint-4 | Insights & Reporting | USN-7 | As a researcher, I want to analyse the correlation between the data | 4 | Medium | Pranit |
| Sprint-4 | | USN-8 | As a researcher, I want to generate a final report summarizing key findings. | 3 | High | |

Project Tracker, Velocity & Burndown Chart:

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	5	7 Days	11 Feb 2025	17 Feb 2025	5	17 Feb 2025
Sprint-2	5	7 Days	18 Feb 2025	24 Feb 2025	5	24 Feb 2025
Sprint-3	9	7 Days	25 Feb 2025	2 Mar 2025	7	2 Mar 2025
Sprint-4	7	7 Days	5 Mar 2025	11 Mar 2025	7	11 Mar 2025

Velocity:

- **Sprint Duration = 7 days**
- **Total Story Points Completed = (5 + 5 + 7 + 7) = 24**
- **Total Sprints = 4**

Average Velocity per Iteration Unit:

AV= Total Story Points / Sprint Duration

AV=24 / (7+7+7+7)
AV=24 / 28 = 0.86 Story Points per day.

Burndown Chart:

The Burndown Chart below visualizes the remaining story points across sprints: