Project Planning Phase
Product Backlog, Sprint Schedule & Estimation

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Project: Empowering India: Union Budget Analysis
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1. Product Backlog & Sprint Schedule

Sprint	Epic	User Story ID	User Story / Task	Points	Priority
Sprint-1	Data Eng.	US-01	Acquire Union Budget dataset (CSV) from Kaggle and validate structure.	3	High
Sprint-1	Data Eng.	US-02	Clean data (handle nulls, rename columns) and load into MySQL.	5	High
Sprint-2	Visualization	US-03	Create "Top 5 Schemes" and "Ministry-wise" bar charts in Tableau.	5	High
Sprint-2	Visualization	US-04	Develop "Budget Estimation 2022-24" comparisons.	5	Medium
Sprint-3	Dashboard	US-05	Design interactive Dashboard with filters (Year, Ministry).	8	High
Sprint-3	Storytelling	US-06	Create Tableau Story scenes (Actuals vs Estimates).	5	High
Sprint-4	Web Dev	US-07	Develop Flask App ('app.py') and embed Tableau iframe.	8	High
Sprint-4	Testing	US-08	Perform UAT and check data accuracy against official PDFs.	3	Medium

Sprint	Story Pts	Duration	Start Date	End Date	Status
Sprint-1	8	1 Week	2026-02-16	2026-02-21	Completed
Sprint-2	10	1 Week	2026-02-23	2026-02-28	Planned
Sprint-3	13	1 Week	2026-03-02	2026-03-07	Planned
Sprint-4	11	1 Week	2026-03-09	2026-03-14	Planned

2. Project Tracker & Velocity

3. Velocity Calculation

$$AverageVelocity = \frac{TotalStoryPoints}{NumberofSprints} = \frac{42}{4} = 10.5 points/sprint$$