Sprint: A fixed period (5 days) in which a team works to complete a defined set of tasks.

Epic: A large body of work that can be broken into smaller tasks (Stories), completed over multiple Sprints.

Story: A small task that is part of an Epic.

Story Point: A measure of effort for each Story (typically in Fibonacci numbers).

Very Easy = 1

Easy = 2

Moderate = 3

Difficult = 5

✅ Sprint Planning and Story Breakdown

🟢 Sprint 1 (5 Days)

Epic 1: Data Acquisition and Preparation

Story 1: Collection of Data Sources (Index, GDP, HDI, etc.) → 2 SP

Story 2: Integrate ABLY for live sync or dynamic connection → 3 SP

Story 3: Data Cleaning – Handle Missing Values → 3 SP

Story 4: Data Transformation – Format and Normalize Data → 2 SP

◆ Total Story Points for Sprint 1 = 10 SP

🟡 Sprint 2 (5 Days)

Epic 2: Data Visualization and Dashboarding

Story 5: Connect Dataset to Tableau → 2 SP

Story 6: Create Visualizations (Charts, Graphs, Maps) → 3 SP

Story 7: Build Interactive Dashboards in Tableau → 5 SP

Story 8: Design Storyboard View for Insights → 3 SP

◆ Total Story Points for Sprint 2 = 13 SP

🔴 Sprint 3 (5 Days)

Epic 3: Deployment and Web Integration

Story 9: Publish Dashboard to Tableau Public → 2 SP

Story 10: Get Embed Code and Test Responsiveness → 3 SP

Story 11: Create Web App UI (HTML/CSS) → 3 SP

Story 12: Integrate with Flask Backend and Deploy → 5 SP

- ◆ Total Story Points for Sprint 3 = 13 SP

📊 Velocity Calculation

Total Story Points = 10 (Sprint 1) + 13 (Sprint 2) + 13 (Sprint 3) = 36 SP

Number of Sprints = 3

Velocity = 36 ÷ 3 = 12 Story Points per Sprint

- ✅ My Team's Velocity = 12 SP/Sprint