

- **Sprint:** A fixed time period (e.g., 5 days) in which the team works to complete a set of tasks.
- **Epic:** A large task or project that cannot be completed in a single sprint. It is divided into multiple **stories**.
- **Story:** A small task or unit of work derived from an Epic.
- **Story Point:** A unit of measure to estimate the effort required for a story. Often based on the Fibonacci sequence:
 - **1** – Very Easy task
 - **2** – Easy task
 - **3** – Moderate task
 - **5** – Difficult task

Sprint 1: (5 Days)

Epic: Data Collection and Pre processing

Story	Description	Story Points
1	Collection of Data	2
2	Loading Data	1
3	Handling Missing Values	3
4	Handling Categorical Values	2

Total Story Points for Sprint 1 = 2 + 1 + 3 + 2 = 8

Sprint 2 (5 Days)

Epic: Model Building and Deployment

Story	Description	Story Points
1	Model Building	5
2	Testing Model	3
3	Working HTML Pages	3
4	Flask Deployment	5

Total Story Points for Sprint 2 = 5 + 3 + 3 + 5 = 16

- **Total Story Points** = 8 (Sprint 1) + 16 (Sprint 2) = **24**

- **Number of Sprints** = 2

- **Velocity** = Total Story Points / Number of Sprints

Velocity = $24 / 2 = 12$ **Story Points per Sprint**

Your team's velocity is 12 Story Points per Sprint.