

Sprint Planning and Story Points

Agile Terminology

- Sprint: A fixed time-box (e.g., 5 days) where a team completes specific tasks.
- Epic: A large task that spans multiple sprints, broken into smaller Stories.
- Story: A small, actionable task that is part of an Epic.
- Story Points: A measure of effort using the Fibonacci scale (1, 2, 3, 5...).
- 1 – Very Easy
- 2 – Easy
- 3 – Moderate
- 5 – Difficult

Sprint 1 (5 Days)

Epic: Data Collection & Preprocessing

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

Total = 8 Story Points

Sprint 2 (5 Days)

Epic: Model Development & Deployment

Story	Story Points
Model Building	5
Testing Model	3
Working HTML Pages	3
Flask Deployment	5

Total = 16 Story Points

Velocity Calculation

Velocity = Total Story Points Completed / Number of Sprints

Velocity = $(16 + 8) / 2 = 24 / 2 = 12$

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