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.