Agile Terminology Overview:

Term	Definition
Sprint	A fixed time frame in which a team completes a set of tasks.
Epic	A large task/project split into multiple smaller user stories.
Story	A small, specific task within an Epic that can be completed in one sprint.
Story Point	A unit (typically Fibonacci series) that estimates the effort to complete a story.

Story Point Estimation Scale:

Story Points	Effort Level
1	Very Easy Task
2	Easy Task
3	Moderate Task
5	Difficult Task

Sprint 1: Project Setup (3 Points)

- Project Environment Setup – 3 Points (Moderate)

Total Story Points: 3

Sprint 2: Data Collection & Preprocessing (9 Points)

- Collect Diverse Dataset – 2 Points (Easy)

- Load and Structure Data – 1 Point (Very Easy)

- Handle Missing Values – 3 Points (Moderate)

- Encode Categorical Data – 2 Points (Easy)

- Split Data for Training – 1 Point (Very Easy)

Total Story Points: 9

Sprint 3: Model Development (6 Points)

- Explore Model Architectures – 3 Points (Moderate)

- Train Selected Model – 3 Points (Moderate)

Total Story Points: 6

Sprint 4: Model Deployment & Integration (1 Point)

- Deploy Model as Web API – 1 Point (Very Easy)

Total Story Points: 1

Sprint 5: Testing & Optimization (1 Point)

- Test Interface & Tune Model – 1 Point (Very Easy)

Total Story Points: 1

Velocity Calculation:

Avg=3+9+6+1+1/5=20/5=4

Team Velocity = 4 Story Points per Sprint