| **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. |

**Agile Terminology Overview:**

**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