

A Sprint fixed period or duration in which a team works to complete a set of tasks

An **Epic** is a **big task or project** that is too large to complete in one sprint. It is broken down into **smaller tasks (stories)** that can be completed over multiple sprints.

Sprint Planning is conducted at the start of a sprint to define tasks and estimate efforts, while a Sprint Review at the end showcases completed work to stakeholders for feedback. The Sprint Retrospective follows, allowing the team to reflect on successes and areas for improvement. The Backlog holds prioritized tasks, managed by the Product Owner, who ensures alignment with the product vision. The Scrum Master facilitates Agile processes and removes obstacles.

A Story is a small task . It is part of an Epic.

A **Story Point** is a number that represents how much effort a story takes to complete. (usually in form of Fibonacci series)

- 1- Very Easy task
- 2- Easy task
- 3- Moderate task
- 5- Difficult task

Sprint 1: (5 Days)

Data Collection

Collection of Data **2**

Loading Data **1**

Data Preprocessing

Handling Missing Values **3**

Handling Categorical values **2**

Sprint 2 (5 Days)

Model Building

Model Building **5**

Testing Model **3**

Deployment

Working HTML Pages **3**

Flask deployment **5**

Total Story Points

Sprint 1 = 8

Sprint 2 = 16

Velocity= Total Story Points Completed/ Number of Sprints

Total story Points= 16+8 =24

No of Sprints= 2

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

12 (Story Points per Sprint)

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