

Sprint

Agile Terminology Overview

Sprint: A fixed period (e.g., 5 days) during which a team works to complete a defined set of tasks.

Epic: A large task or project too big to complete in a single sprint. It is broken down into smaller Stories.

Story: A smaller, manageable task that contributes to completing an Epic.

Story Point: A unit (typically using the Fibonacci sequence: 1, 2, 3, 5, 8, etc.) to estimate the effort required to complete a story.

Story Point Examples:

Very Easy: 1

Easy: 2

Moderate: 3

Difficult: 5+

Sprint Details

Sprint 1 (5 Days)

Epic: Data Collection & Preprocessing

Collection of Data – 2 SP

Loading Data – 1 SP

Handling Missing Values – 3 SP

Handling Categorical Values – 2 SP

Total for Sprint 1: 8 Story Points

Sprint 2 (5 Days)

Epic: Model Building & Deployment

Model Building – 5 SP

Testing Model – 3 SP

Working HTML Pages – 3 SP

Flask Deployment – 5 SP

Total for Sprint 2: 16 Story Points

Velocity Calculation

Total Story Points Completed: 8 (Sprint 1) + 16 (Sprint 2) = 24

Number of Sprints: 2

Velocity = Total Story Points / Number of Sprints = 24 / 2 = 12

 **Team Velocity = 12 Story Points per Sprint**

Let me know if you'd like a visual chart or a burndown chart to go with this!

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.

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.