**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.

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
4. Difficult task

**Sprint 1: Data Preparation**

* Start Date: 03 June 2025
* End Date: 09 June 2025
* Total Story Points: 8
* Tasks:
  + Data Collection and Loading (3 pts)
  + Data Preprocessing (Missing/Categorical handling) (3 pts)
  + Python Script Automation for Cleaning (2 pts)

**Sprint 2: Model & Database Setup**

* Start Date: 10 June 2025
* End Date: 16 June 2025
* Total Story Points: 11
* Tasks:
  + Machine Learning Model Building (5 pts)
  + Model Testing & Evaluation (3 pts)
  + Database Setup for Queries/Responses (3 pts)

**Sprint 3: Frontend, Deployment & API**

* Start Date: 17 June 2025
* End Date: 26 June 2025
* Total Story Points: 13
* Tasks:
  + HTML/CSS UI Design (3 pts)
  + Flask-Based Deployment (5 pts)
  + REST API Integration (3 pts)
  + Form Validation (2 pts)

**Overall Velocity**

* Total Story Points: 32
* Number of Sprints: 3
* Velocity: 32 / 3 = 10.67 story points/sprint.
* The teams velocity is 10.67 story points/sprint.