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
5- Difficult task

Sprint 1: Data Preparation

- Start Date: 03 June 2025

- End Date: 09 June 2025

- Total Story Points: 8

- Tasks:

  o Data Collection and Loading (3 pts)

  o Data Preprocessing (Missing/Categorical handling) (3 pts)

  o 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:

  o Machine Learning Model Building (5 pts)

  o Model Testing & Evaluation (3 pts)

  o 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:

    o HTML/CSS UI Design (3 pts)

    o Flask-Based Deployment (5 pts)

    o REST API Integration (3 pts)

    o 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.