**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 (5 Days) – Data Collection and Preprocessing**

This sprint focuses on collecting and preparing the medical data needed for AI model training. First, the team collects relevant data sets such as symptoms, conditions, and patient metrics (2 story points), and then loads them into the system in usable formats like CSV or JSON (1 story point). Next, the team preprocesses the data by handling missing values (3 story points) and converting categorical data into numerical formats (2 story points) to ensure the data is clean and ready for the model.

Total Story Points for Sprint 1: 8

**Sprint 2 (5 Days) – Model Building and Deployment**

In this sprint, the team focuses on developing the core AI functionality and beginning the deployment process. First, the AI model is built using IBM Watson’s Granite 13B for medical tasks (5 story points). Then, the team tests the model’s performance on features like Patient Chat and Disease Prediction (3 story points). For deployment, basic HTML pages are created (3 story points), and the application is deployed using Flask or Streamlit to make it accessible online or locally (5 story points).

Total Story Points for Sprint 2: 16

**Total Story Points and Velocity**

Across both sprints, a total of 24 story points were completed (8 from Sprint 1 and 16 from Sprint 2). The team completed 2 sprints, so the average velocity is calculated as:  
Velocity = Total Story Points ÷ Number of Sprints = 24 ÷ 2 = 12

So, team’s velocity is 12 story points per sprint.