**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: (2 Days)**

Data Collection

Collection of Data **2**

Loading Data **1**

Data Preprocessing

Handling Missing Values **3**

Handling Categorical values **3**

**Sprint 2:(2 Days)**

Exploratory Data Analytics **4**

Encoding **1**

Feature Creation **2**

**Sprint 3: (3 Days)**

Model Building

Model Building **5**

Hyperparameter tuning **2**

Evaluation **2**

Validation **1**

Testing Model **3**

**Sprint 4: (2 days)**

Deployment

Working HTML Pages **3**

Flask deployment **5**

**Sprint 5:(3 days)**

Cloud – Deployment (onrender.com, netlify.app) **5**

Full System Testing **5**

Documentation **3**

**Total Story Points**

Sprint 1 = 9

Sprint 2 = 7

Sprint 3= 13

Sprint 4=8

Sprint 5= 13

Velocity= Total Story Points Completed​/ Number of Sprints

Total story Points= 9+7+13+8+13 =50

No of Sprints= 5

**Velocity** = (9+7+13+8+13)/5= 50/5

10 (Story Points per Sprint)

**My team velocity is 10 Story Points per Sprint.**