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: (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.