SPRINT

* **Sprint: A fixed period or duration in which a team works to complete a set of tasks.**
* **Epic: 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.**
* **Story: A small task. It is part of an Epic.**
* **Story Point: A number that represents how much effort a story takes to complete (usually based on the Fibonacci series):**
  + **1 – Very Easy task**
  + **2 – Easy task**
  + **3 – Moderate task**
  + **5 – Difficult task**

**🏁 Sprint 1 (5 Days)**

**Epic: Data Collection**

* Collection of Data – **2**
* Loading Data – **1**

**Epic: Data Preprocessing**

* Handling Missing Values – **3**
* Handling Categorical Values – **2**

**Total Story Points (Sprint 1): 8**

**🏁 Sprint 2 (5 Days)**

**Epic: Model Building**

* Model Building – **5**
* Testing Model – **3**

**Epic: Deployment**

* Working HTML Pages – **3**
* Flask Deployment – **5**

**Total Story Points (Sprint 2): 16**

**📈 Velocity Calculation**

**Formula:**  
Velocity = Total Story Points Completed / Number of Sprints

**Calculation:**  
Total Story Points = 8 (Sprint 1) + 16 (Sprint 2) = **24**  
Number of Sprints = **2**

**Velocity = 24 ÷ 2 = 12**

**✅ Final Result**

**Your team’s velocity is 12 Story Points per Sprint.**