**Sprint 1 (5 Days) — *Data Collection & Preprocessing***

**Epic: Data Preparation**

| **Task** | **Story Points** |
| --- | --- |
| Collection of Data | 2 |
| Loading Data | 1 |
| Handling Missing Values | 3 |
| Handling Categorical Values | 2 |

**🟢 Total Story Points: 8**

**Sprint 2 (5 Days) — *Model Building & Deployment***

**Epic: Model Development & Deployment**

| **Task** | **Story Points** |
| --- | --- |
| Model Building | 5 |
| Testing Model | 3 |
| Working HTML Pages | 3 |
| Flask Deployment | 5 |

**🟢 Total Story Points: 16**

**📈 Velocity Calculation**

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

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

🎯 **Team Velocity** = 24 / 2 = **12 Story Points per Sprint**

This velocity metric helps in planning and forecasting upcoming sprints based on the team’s average throughput.