Agile Project Summary: Sprint Plan & Velocity

✅ Definitions Recap

- **Sprint**: A fixed duration (e.g., 5 days) during which specific work is completed.

- **Epic**: A large task split across sprints.

- **Story**: A smaller task (part of an Epic).

- **Story Point**: A relative unit of effort (usually in Fibonacci: 1, 2, 3, 5, 8…).

🔁 Sprint Breakdown

📦 Sprint 1 *(5 Days) – Total Story Points: 8*

Epic: Data Collection

Story	Description	Story Points	Difficulty
S1.1	Collection of Data	2	Easy
S1.2	Loading Data	1	Very Easy

Epic: Data Preprocessing

Story	Description	Story Points	Difficulty
S1.3	Handling Missing Values	3	Moderate
S1.4	Handling Categorical Values	2	Easy

📦 Sprint 2 *(5 Days) – Total Story Points: 16*

Epic: Model Building

Story	Description	Story Points	Difficulty
S2.1	Model Building	5	Difficult
S2.2	Testing Model	3	Moderate

Epic: Deployment

Story	Description	Story Points	Difficulty
S2.3	Working HTML Pages	3	Moderate
S2.4	Flask Deployment	5	Difficult

📈 Velocity Calculation

Metric	Value
Total Story Points Completed	24 (8 + 16)
Number of Sprints	2
Team Velocity	**12 story points/sprint**

🧠 **Interpretation**: Your team can handle about **12 story points per sprint**, so you can now plan future sprints more accurately by using this velocity to estimate scope and effort.