Agile Sprint Summary – Smart Sorting Project

Key Terminology

- **Sprint**: A fixed period (usually 5–10 days) during which a team completes a specific set of tasks.

- **Epic**: A large project or major feature that is broken into smaller **Stories** and completed across multiple Sprints.

- **Story**: A specific, actionable task that contributes to the completion of an Epic.

- **Story Point**: A relative measure of the effort required to complete a story. Typically estimated using the **Fibonacci sequence** (1, 2, 3, 5, 8...).

Story Point Estimate	Effort Level
1	Very Easy
2	Easy
3	Moderate
5	Difficult

Sprint Breakdown

Sprint 1 (Duration: 5 Days)

Epic: Data Collection and Preprocessing

Story	Story Points
Collection of Data	2
Loading Data	1
Handling Missing Values	3
Handling Categorical Values	2
Total	**8**

Sprint 2 (Duration: 5 Days)

Epic: Model Building and Deployment

Story	Story Points
Model Building	5
Testing Model	3
Working HTML Pages	3
Flask Deployment	5
Total	**16**

Velocity Calculation

Velocity measures your team's average productivity per sprint.

- **Total Story Points Completed** = 8 (Sprint 1) + 16 (Sprint 2) = **24**

- **Number of Sprints** = 2

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

- **Velocity** = 24 / 2 = **12 Story Points/Sprint**