Agile Concepts in ShopEZ

- **Sprint:** A fixed 5-day period where your team focuses on completing a defined set of tasks.
- **Epic:** A large feature like *User Registration* or *Model Deployment* that spans multiple sprints.
- Story: A smaller, actionable task within an epic (e.g., Handle Missing Values).
- **Story Point:** A unit of effort estimation using the **Fibonacci sequence** (1, 2, 3, 5, 8...), reflecting task complexity:
 - o 1 Very Easy
 - o **2** Easy
 - o **3** Moderate
 - o **5+** Difficult

ShopEZ Sprint Breakdown

Sprint 1 (5 Days)

Epic: Data Collection & Preprocessing

Task	Story Points
Collection of Data	2
Loading Data	1
Handling Missing Values	3
Handling Categorical Values	s 2

Total: 8 Story Points

Sprint 2 (5 Days)

Epic: Model Building & Deployment

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

Total: 16 Story Points

Velocity Calculation for ShopEZ

- Total Story Points Completed: 24 (Sprint 1 + Sprint 2)
- Number of Sprints: 2
- Velocity:

Your team's average velocity is **12 story points per sprint**, which helps in forecasting future sprint capacity and planning.