

# Agile Sprint Planning – ResolveNow Project

## Planning Logic:

- **Sprint:** A fixed period (e.g., 5 days) where the team works to complete a defined set of tasks.
- **Epic:** A large task or feature too complex for a single sprint. It is divided into smaller, manageable parts.
- **Story:** A unit of work derived from an epic; it is small enough to be completed in a single sprint.
- **Story Point:** A unit of effort estimated for each story (commonly using the Fibonacci series):

Story Point	Complexity
1	Very Easy
2	Easy
3	Moderate
5	Difficult

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## 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 Story Points: 8**

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## **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 Story Points: 16**

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### **Velocity Calculation**

- **Total Story Points = Sprint 1 (8) + Sprint 2 (16) = 24**
  - **Number of Sprints = 2**
  - **Velocity = Total Story Points / Number of Sprints = 24 / 2 = 12 Story Points/Sprint**
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### **Team's Velocity:**

**12 Story Points per Sprint**