Agile Development Plan – Sprint Breakdown

Definitions Recap:

- Sprint: Fixed duration in which specific tasks are completed (e.g., 5 days).

- Epic: A large task broken into smaller tasks (Stories).

- Story: A small, manageable task within an Epic.

- Story Point: Effort estimate for a Story (based on Fibonacci series).

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1 Sprint 1: (5 Days)

Epic: Data Preparation

Stories & Story Points:

- Collection of Data – 2 SP

- Loading Data – 1 SP

- Handling Missing Values – 3 SP

- Handling Categorical Values – 2 SP

Total Story Points for Sprint 1: 8

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1 Sprint 2: (5 Days)

Epic: Model Building and Deployment

Stories & Story Points:

- Model Building – 5 SP

- Testing Model – 3 SP

- Working HTML Pages – 3 SP

- Flask Deployment – 5 SP

Total Story Points for Sprint 2: 16

📊 Velocity Calculation

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

- Number of Sprints: 2

- Velocity: 24 / 2 = 12 Story Points per Sprint