Education Organization – ServiceNow Implementation
Agile Sprint-Based Development Approach

Agile Terminology Overview

- **Sprint**: A fixed period (5 days) where the team completes a set of tasks.

- **Epic**: A large task or project broken into smaller tasks (stories).

- **Story**: A small, manageable task that is part of an epic.

- **Story Point**: A number that represents the effort to complete a story.

Story Point Scale (Fibonacci Series):

- 1 – Very Easy

- 2 – Easy

- 3 – Moderate

- 5 – Difficult

Sprint 1 – Task Breakdown (5 Days)

Epic: Data Collection & Preprocessing

- Collection of Data – 2 Story Points

- Loading Data – 1 Story Point

- Handling Missing Values – 3 Story Points

- Handling Categorical Values – 2 Story Points

Total Story Points (Sprint 1): 8

Sprint 2 – Task Breakdown (5 Days)

Epic: Model Building & Deployment

- Model Building – 5 Story Points

- Testing Model – 3 Story Points

- Working HTML Pages – 3 Story Points

- Flask Deployment – 5 Story Points

Total Story Points (Sprint 2): 16

Sprint Summary & Velocity

- Total Story Points Completed: 24

- Number of Sprints: 2

- **Team Velocity** = 24 ÷ 2 = **12 Story Points per Sprint**

Team Details

- Total Team Members: 4

- Average Capacity per Member per Sprint = 12 ÷ 4 = **3 Story Points**