

Storypoint - 5 (1,2,3,5)

Sprint 1

Data Collection & Preprocessing (Epic 1)

Import Dataset (USN1) - 3

Handle Missing Values & Rename Columns (USN1) - 2

Total points in Sprint 1 = 3+2 = 5

Sprint 2

Model Development & Evaluation (Epic 2)

Random Forest Model Implementation (USN2) - 5

Display Model Evaluation Metrics (USN2) - 2

Model Management (Epic 3)

Save & Load Trained Model (.sav file) (USN3) - 3

Total points in Sprint 2 = 5+2+3 = 10

Sprint 3

Web Application Development (Epic 4)

Flask Backend Development (USN4) - 5

Integration & Testing (Epic 5)

Integrate ML Model with Flask App (USN5) - 3

Total points in Sprint 3 = 5+3 = 8

Total Story Points

Sprint 1 = 5

Sprint 2 = 10

Sprint 3 = 8

Velocity = Total Story Points Completed / Number of Sprints

Total Story Points = 5+10+8 = 23

No of Sprints = 3

Velocity = 23 / 3
8 (Story Points per Sprint)

Your team's velocity is 8 Story Points per Sprint.