

A Sprint fixed period or duration in which a team works to complete a set of tasks

An **Epic** is a **big task or project** that is too large to complete in one sprint. It is broken down into **smaller tasks (stories)** that can be completed over multiple sprints.

A **Story** is a small task . It is part of an **Epic**.

A **Story Point** is a number that represents how much effort a story takes to complete.
(usually in form of Fibonacci series)

- 1- Very Easy task
- 2- Normal task
- 3- Moderate task
- 5- Difficult task

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

Sprint 1

Data Understanding & Database Setup (Epic 1)

- Database Selection and Schema Design (USN1) – 2
- Data Loading into Database (USN2) – 1

Natural Language Processing Setup (Epic 2)

- User Input Handling (USN3) – 3
- Schema Mapping (USN4) – 3
- Query Preprocessing (USN5) – 3

Total Story Points in Sprint 1 = 2 + 1 + 3 + 3 + 3 = 12

Sprint 2

SQL Generation using LLM (Epic 3)

- Prompt Engineering for Gemini Pro (USN6) – 2
- SQL Query Generation Module (USN7) – 2

- Query Validation Logic (USN8) – 2
- Complex Query Handling (USN9) – 4

User Interface Development (Epic 4)

- Developing Query Interface (USN10) – 5

Result Display Module (Epic 5)

- Developing Result Visualization (USN11) – 5

Total story Point in Sprint 2= 2+2+2+4+5+5=20

Total Story Points

Sprint 1 = 12

Sprint 2 = 20

Velocity Calculation

Velocity = Total Story Points Completed / Number of Sprints

Total Story Points = 32

Number of Sprints = 2

Velocity = 32 / 2 = 16 (Story Points per Sprint)

My team's velocity is 16 Story Points per Sprint.