

**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.**