**🔄 Agile Terminology:**

* **Sprint**: A fixed duration to complete a set of tasks.
* **Epic**: A large feature or goal split into smaller, manageable tasks.
* **Story**: A smaller, specific task within an Epic.
* **Story Point**: Effort estimation using the Fibonacci scale (1, 2, 3, 5, 8…).

**🚀 Sprint 1: (5 Days)**

**Objective:** Set up foundational architecture and data pipelines

**Epic**: **LMS Data Integration & User Module Setup**

* LMS Data Extraction – 2
* User Profile Creation – 1

**Epic: Data Preprocessing for Personalization**

* Cleaning Student Interaction Logs – 3
* Encoding Course Feedback Data – 2

Total Story Points: 8

**🚀 Sprint 2: (5 Days)**

**Objective:** Build AI Models and Deploy Core Modules

**Epic: AI Model for Personalized Recommendations**

* Build Generative AI Model – 5
* Train/Test Personalized Learning Model – 3

**Epic: Integration & Deployment**

* Develop Flask-based UI – 3
* Deploy LMS Plugin & AI Backend – 5

Total Story Points: 16

**📊 Summary**

* **Sprint 1 Total**: 8 Story Points
* **Sprint 2 Total**: 16 Story Points
* **Total Story Points**: 24
* **Number of Sprints**: 2
* **Velocity** = 24 / 2 = **12 Story Points per Sprint**