

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)

Data Collection & Preprocessing

1. Collection of global food production data (2 SP)
2. Cleaning and handling missing values (3 SP)
3. Handling categorical values and standardizing data (2 SP)
4. Exploratory Data Analysis (EDA) to identify trends (3 SP)

Total Story Points for Sprint 1: 10

Sprint 2: (5 Days)

Data Modelling & Visualization

1. Model Building for trend analysis (5 SP)
2. Model Testing & Validation (3 SP)
3. Building Power BI dashboards (4 SP)
4. Interpretation and documentation of findings (4 SP)

Total Story Points for Sprint 2: 16

Sprint 3: (5 Days)

Insights & Deployment

1. Developing insights and business recommendations (5 SP)
2. Preparing final reports and presentations (3 SP)
3. Deploying interactive dashboards (5 SP)
4. Reviewing and refining insights based on feedback (3 SP)

Total Story Points for Sprint 3: 16

Velocity Calculation:

Total Story Points = 10 + 16 + 16 = **42**

Number of Sprints = **3**

Velocity = **42 / 3 = 14 Story Points per Sprint**

he team's velocity is **14 Story Points per Sprint**, ensuring efficient progress in analysing and visualizing global food production trends over the last six decades

Velocity= Total Story Points Completed/ Number of Sprints

Total story Points= 47

No of Sprints= 6

Velocity = 47/6

8 (Story Points per Sprint)

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