A **Sprint** is a 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 Fibonacci series).

1 – Very Easy Task
2 – Normal Task
3 – Moderate Task
5 – Difficult Task

Story Points Used: **1, 2, 3, 5**

Sprint 1

Data Collection (Epic 1)

- Gathering EV Charging & Range Data (USN1) – 2

- Loading Dataset into Tool (USN2) – 1

Data Preparation (Epic 2)

- Handling Missing EV Data (USN3) – 3

- Creating New Fields (Battery Efficiency, Charging Time) (USN4) – 3

- Handling Inconsistencies in Data (USN5) – 3

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

Sprint 2

Data Visualization (Epic 3)

- Bar Chart (EV Model vs Range) (USN6) – 2

- Pie Chart (Charging Type Distribution) (USN7) – 2

- Line Chart (Range vs Battery Capacity Trend) (USN8) – 2

- Map (EV Charging Stations Location Map) (USN9) – 4

Dashboard Development (Epic 4)

- Developing Interactive EV Dashboard (USN10) – 5

Story Building (Epic 5)

- Creating Analytical Story for EV Insights (USN11) – 5

Total Story Points in Sprint 2 = 2 + 2 + 2 + 4 + 5 + 5 = 20

Total Story Points

Sprint 1 = 12
Sprint 2 = 20

Total Story Points = 12 + 20 = 32

Number of Sprints = 2

Velocity Calculation

Velocity = Total Story Points Completed / Number of Sprints
Velocity = 32 / 2
Velocity = **16 Story Points per Sprint**