**Sprint Planning and Velocity Calculation**

**Sprint Overview:**

* **Sprint 1:**
  + **Epic 1: Data Collection**
    - Gathering Data (USN1) - 2 Story Points
    - Loading Data (USN2) - 1 Story Point
  + **Epic 2: Data Preparation**
    - Handling Missing Values (USN3) - 3 Story Points
    - Creating Fields (USN4) - 3 Story Points
    - Handling Inconsistency in Data (USN5) - 3 Story Points

**Total Story Points in Sprint 1:** $ \text{Total} = 2 + 1 + 3 + 3 + 3 = 12 $

* **Sprint 2:**
  + **Epic 3: Data Visualization**
    - Bar Chart (USN6) - 2 Story Points
    - Pie Chart (USN7) - 2 Story Points
    - Line Chart (USN8) - 2 Story Points
    - Map (USN9) - 4 Story Points
  + **Epic 4: Dashboard**
    - Developing Dashboard (USN10) - 5 Story Points
  + **Epic 5: Story**
    - Developing Story (USN11) - 5 Story Points

**Total Story Points in Sprint 2:** $ \text{Total} = 2 + 2 + 2 + 4 + 5 + 5 = 20 $

**Total Story Points Calculation**

* **Total Story Points for Sprint 1:** 12
* **Total Story Points for Sprint 2:** 20

**Overall Total Story Points:** $ \text{Total Story Points} = 12 + 20 = 32 $

**Velocity Calculation**

**Velocity Formula:** $ \text{Velocity} = \frac{\text{Total Story Points Completed}}{\text{Number of Sprints}} $

* **Total Story Points Completed:** 32
* **Number of Sprints:** 2

**Calculating Velocity:** $ \text{Velocity} = \frac{32}{2} = 16 \text{ Story Points per Sprint} $

**Conclusion**

Your team’s velocity is **16 Story Points per Sprint**. This metric can help in planning future sprints and estimating how much work can be realistically completed in a given timeframe.