



Forecasting & Planning: *Using Sprint Data to Inform Product Roadmap*

How teams can leverage the data derived from past sprints to enhance future planning and alignment with broader strategic goals

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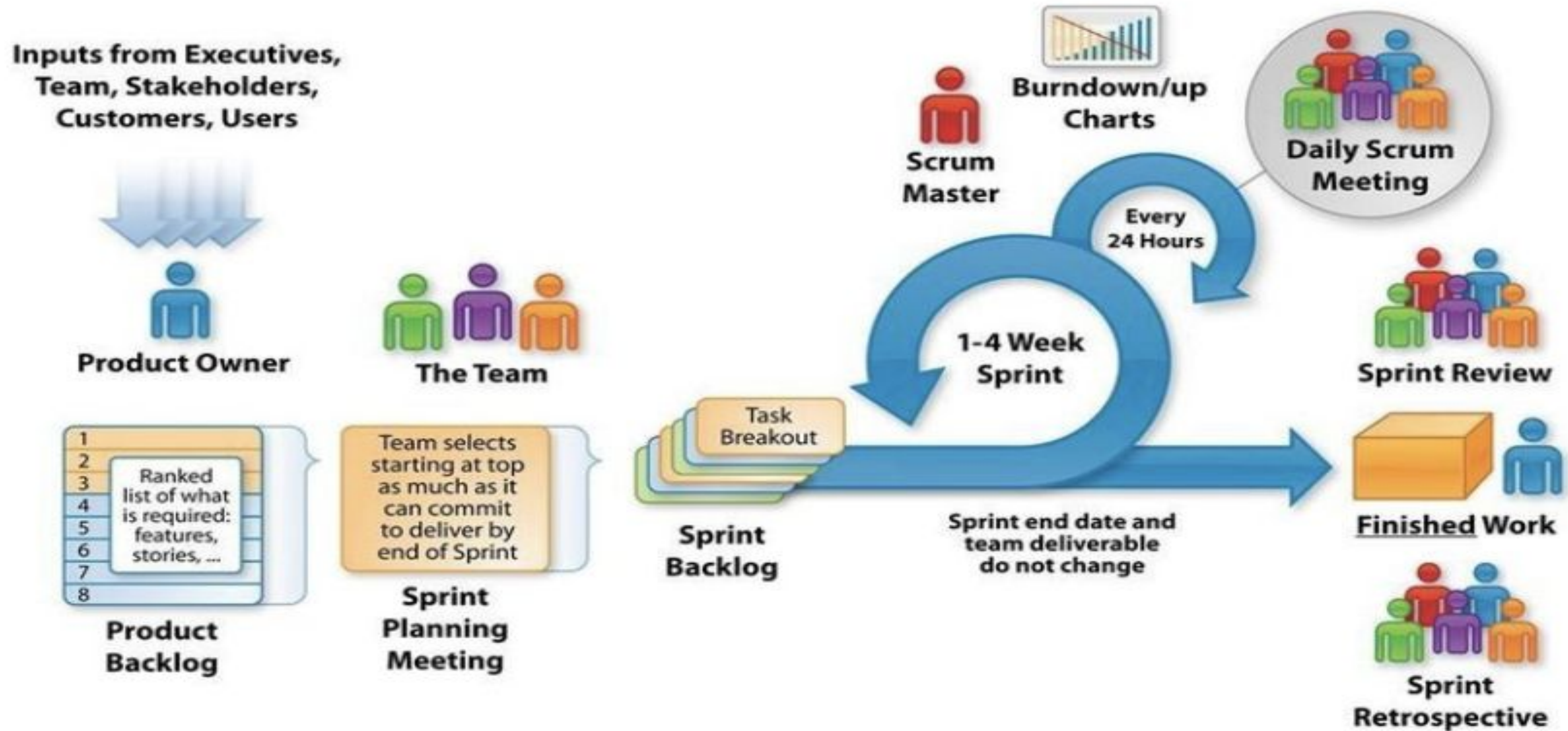
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Expectations

1. Understand Forecasting
2. Understand Product Roadmap
3. Understand Sprint data
4. Understand how to interpret the Sprint Data
5. How to apply these derived data to the product roadmap

Introduction to Agile and Scrum

The Agile - Scrum Framework



Agile Forecasting Vs Traditional Forecasting

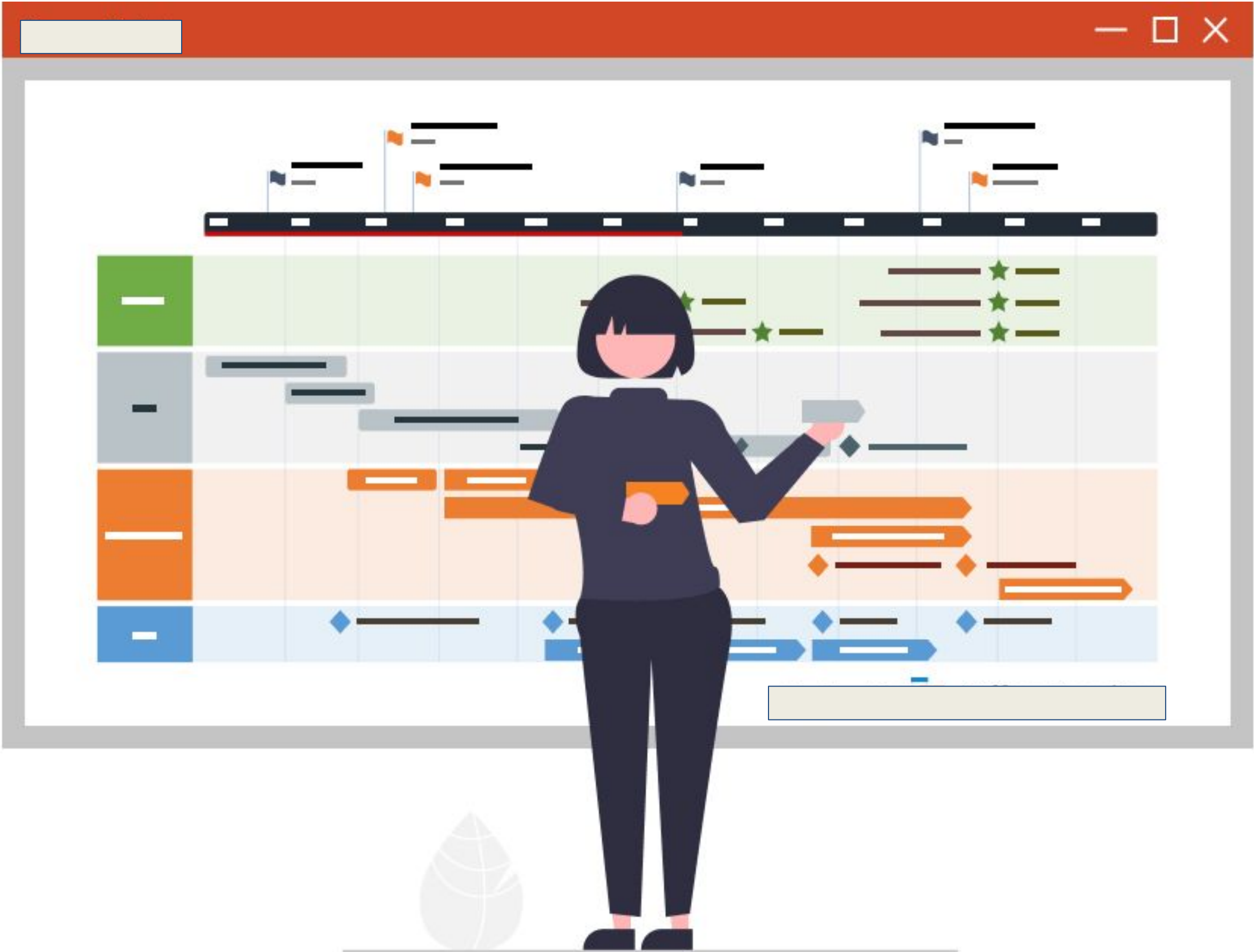
Agile Forecasting

- Guided by Agile principles (customer collaboration, incremental delivery, and embracing change).
- Predicts what might happen in the future using real time data from sprint activities
- Changes plans bit by bit as we learn more from those information.
- It is well suited for dynamic, unpredictable and uncertain environments.

Traditional Forecasting

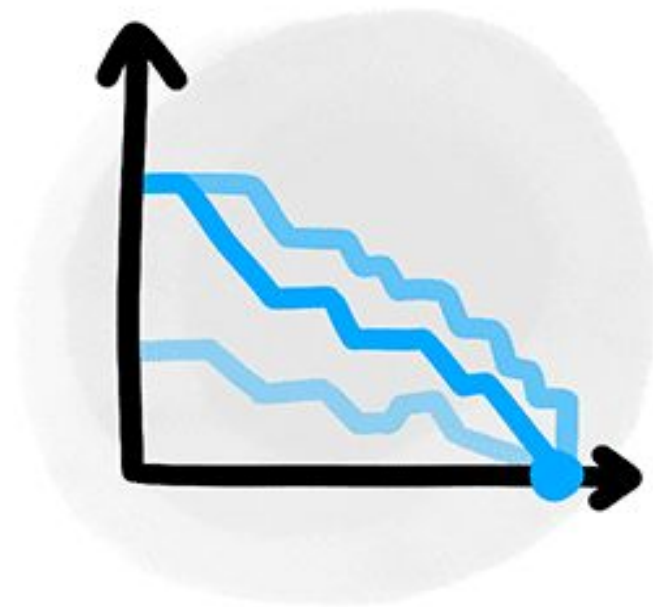
- Relies on historical data, statistical models, and assumptions to predict future outcomes.
- Based on established forecasting methods and principles, such as time series analysis, regression analysis, and trend analysis.
- It's often used in stable and predictable environments.

Product Roadmap

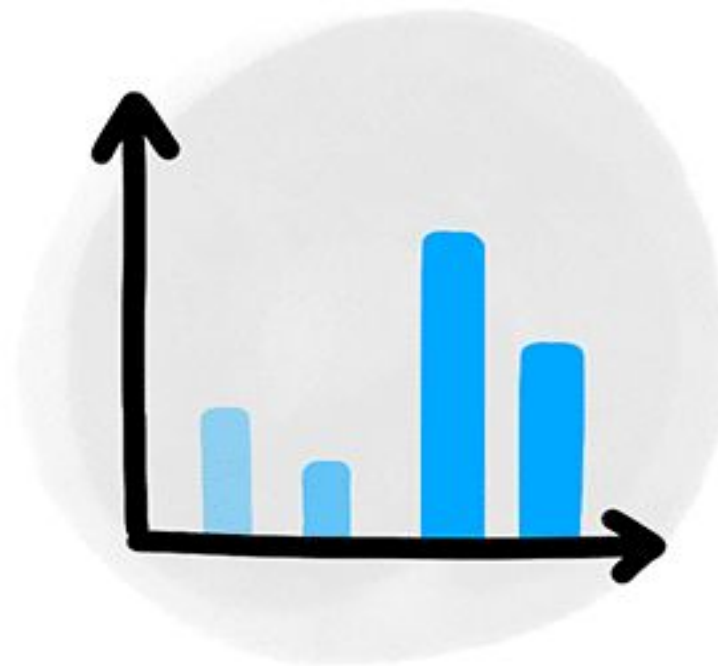


Data for Forecastings – Analysing Data from Sprints

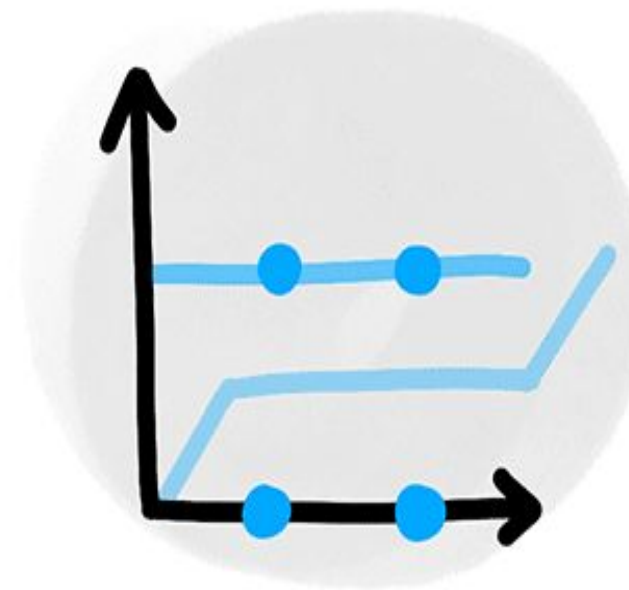
Sprint Data



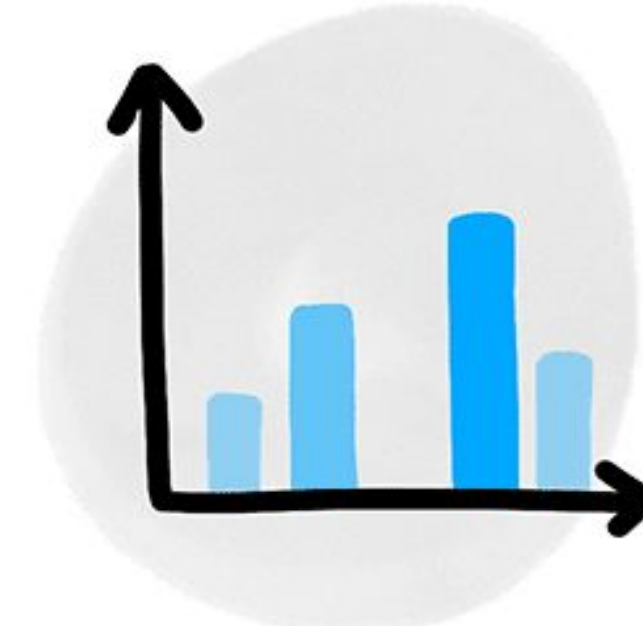
**Burndown
Chart**



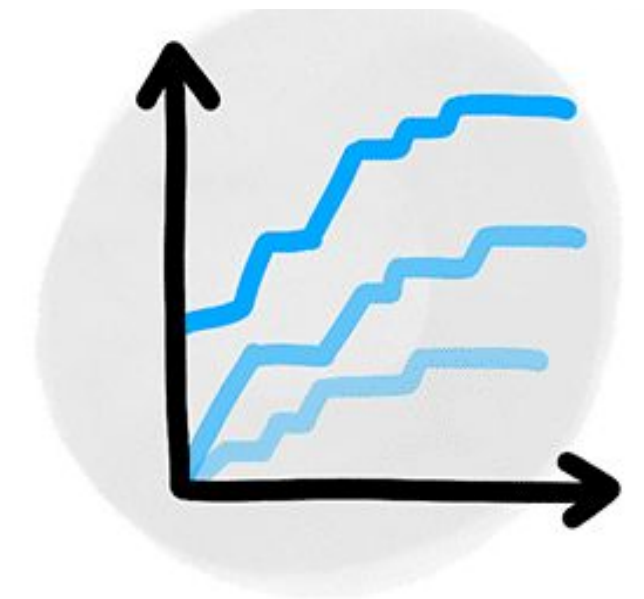
**Velocity
Report**



**Backlog
Churn**



**Completed
Story Points**



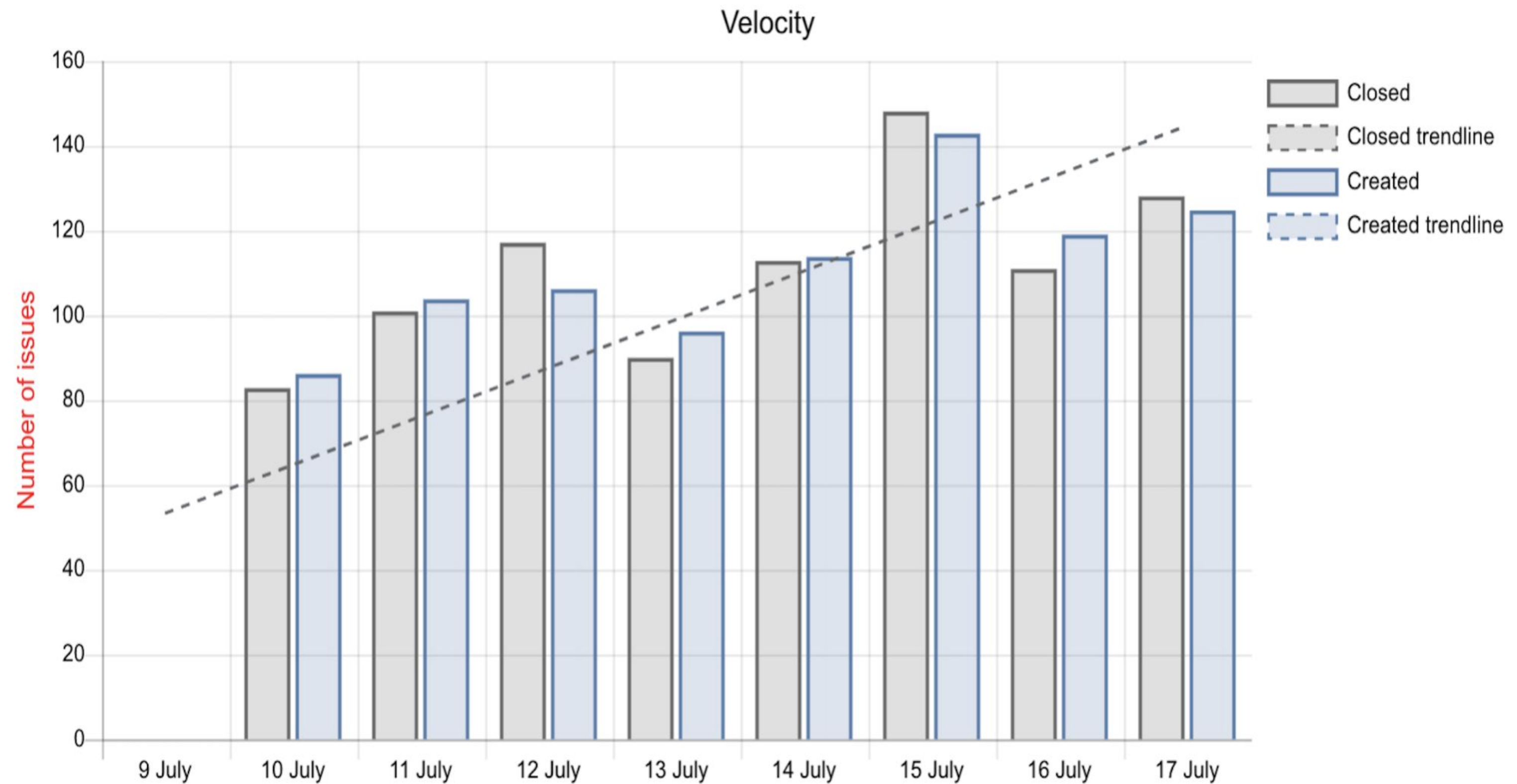
**Burnup
Chart**

Sprint data is info gathered while a team is working on a sprint. It tells us how well the team is doing, what's going right or wrong, and how effective they are during the sprint.

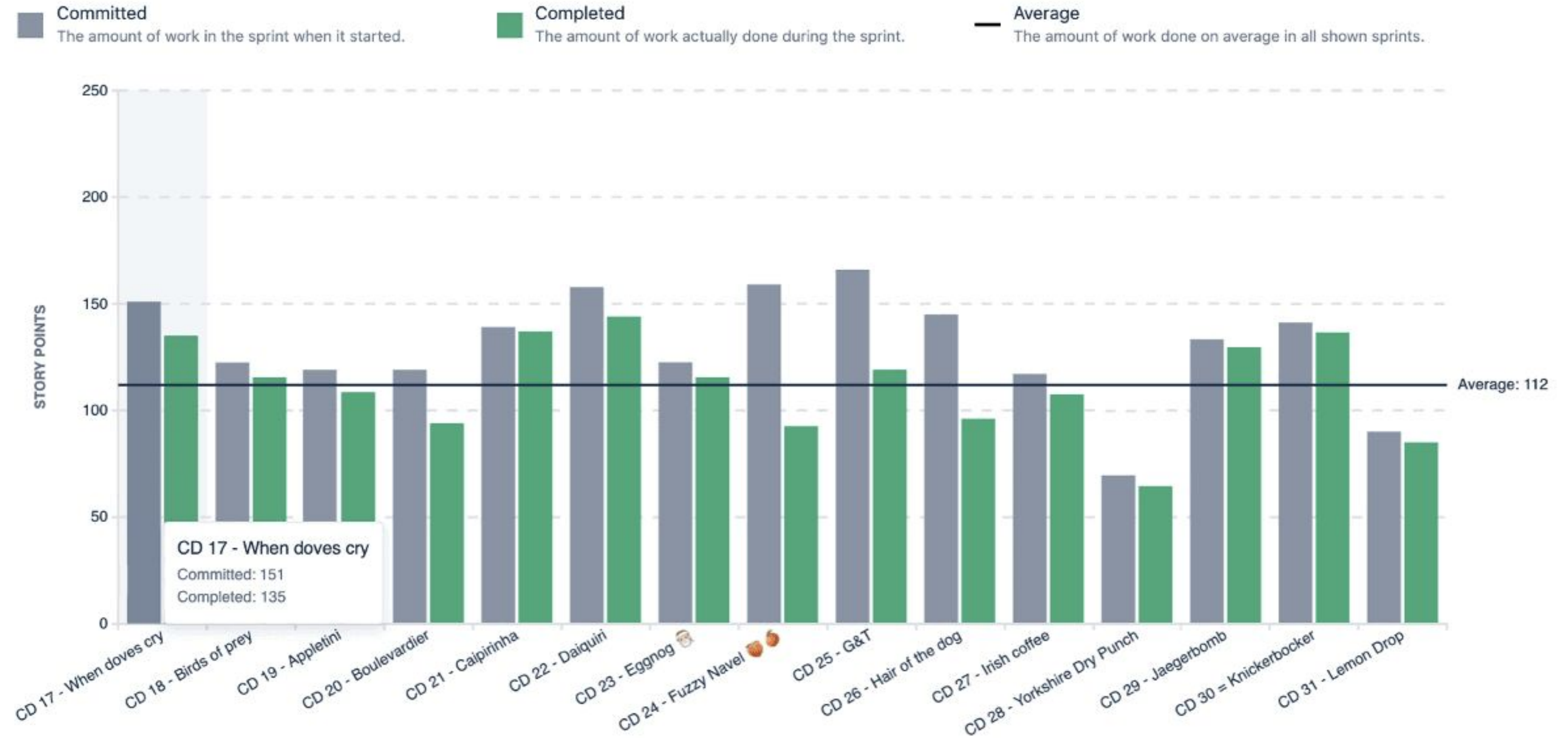
Why Sprint Data?

- 1. Performance Evaluation**
- 2. Predictability**
- 3. Continuous Improvement**





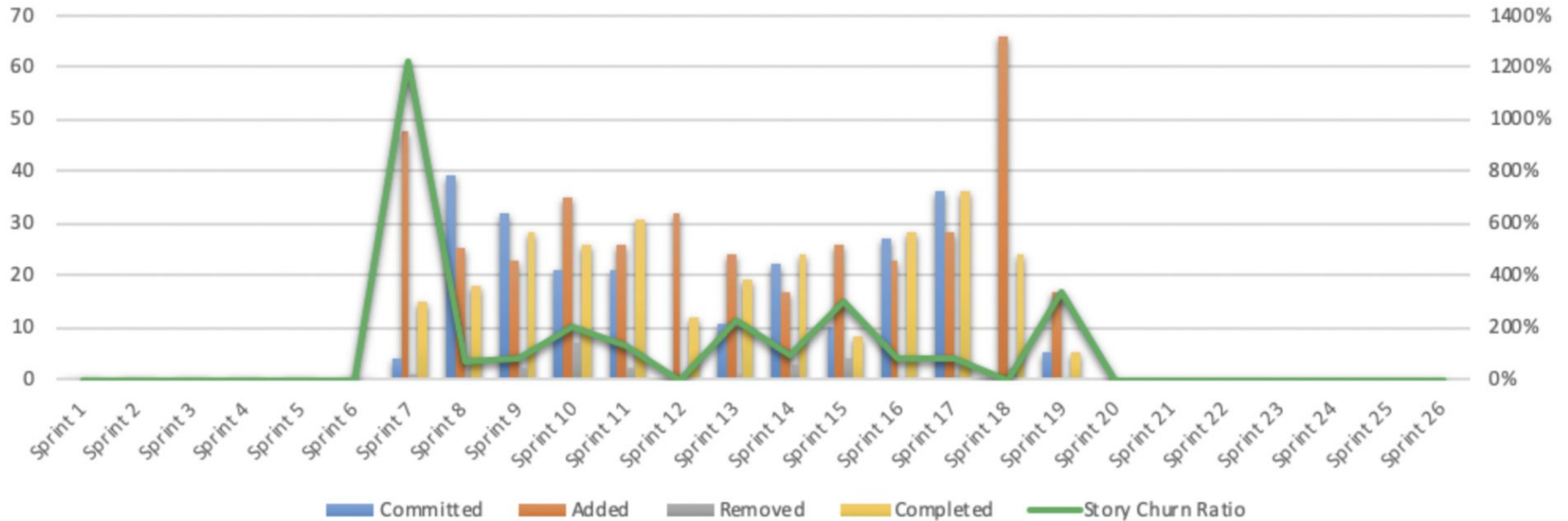
Represents the average work completed by the team in each sprint.



Story Points Completed

Helps estimate the effort required for upcoming tasks.

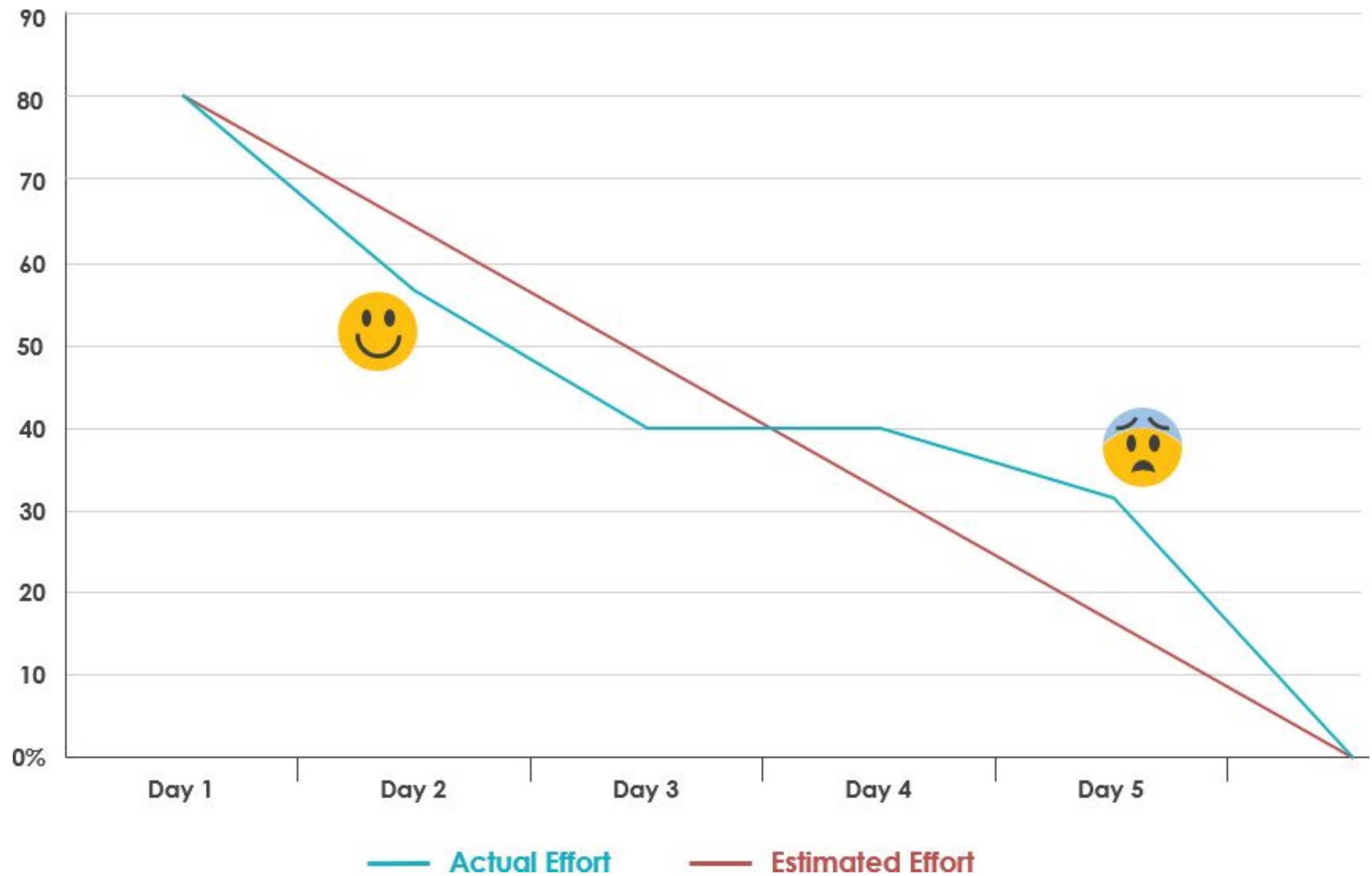
Story Churn



Backlog Churn/TradeOffs

Backlog churn refers to changes in the product backlog over time.

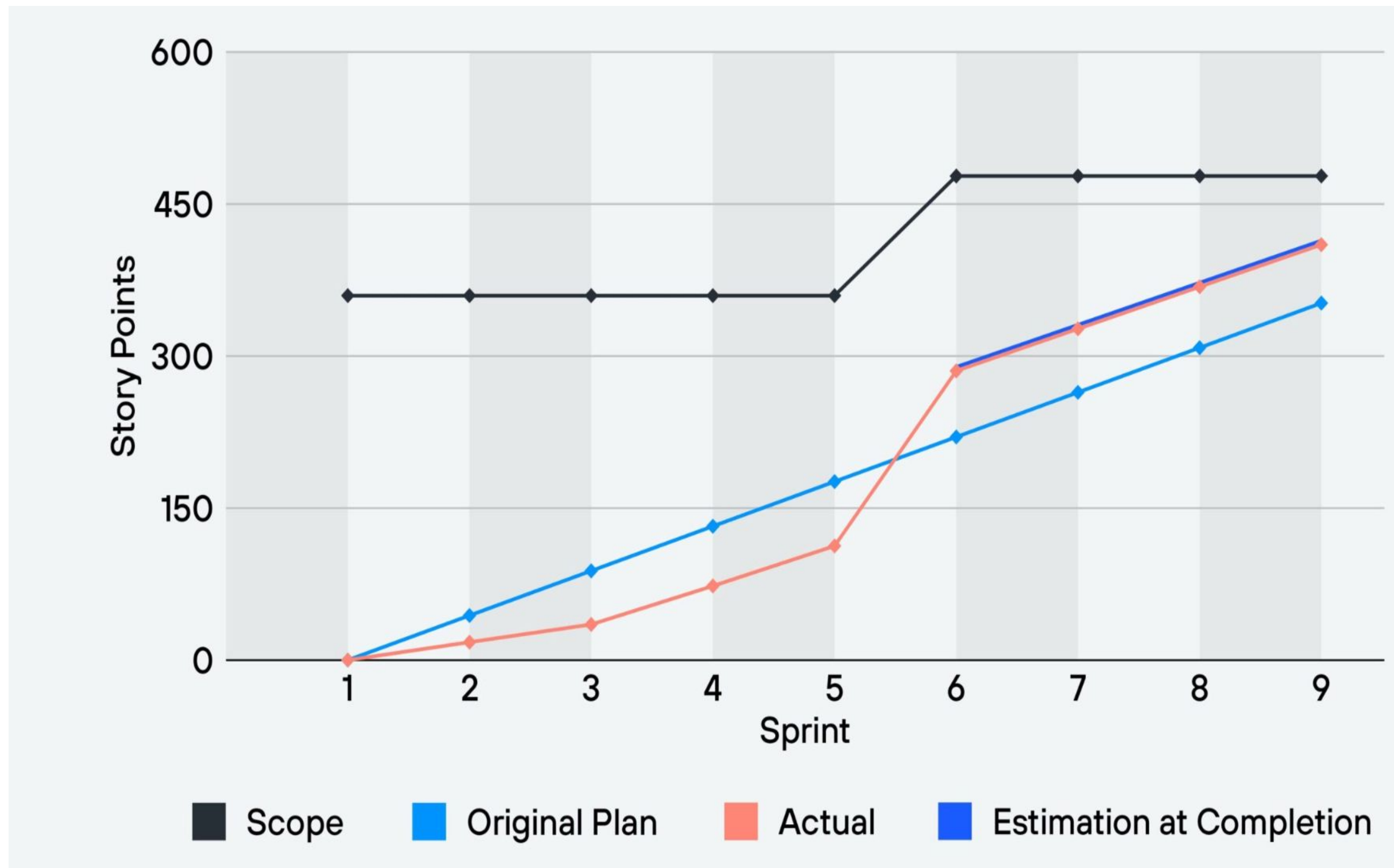
BurnDown Chart



Burndown Chart

Tracks the amount of work left

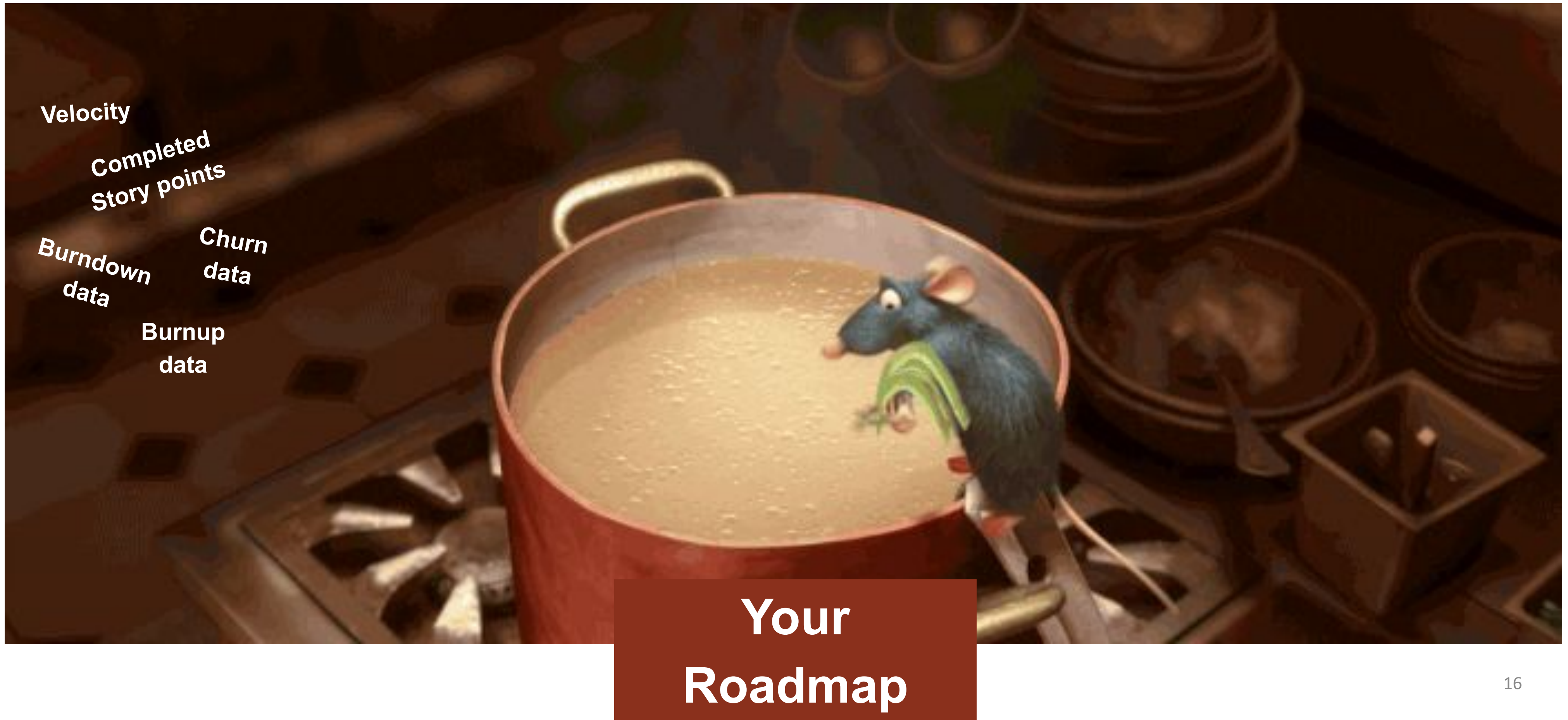
BurnUp Chart



Burnup Chart

Compare the total work completed with what was planned

Adding Sprint data to your Roadmap



Tools and Software for Sprint Data Analysis



Thank You

Q&A

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Certified Product Manager and Scrum Master with an exceptional track record of success spanning over three years in the dynamic realm of technology.

