**PROJECT BURNDOWN**

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**People Analytics at Seagate: A Strategic Approach**

**to Predict Voluntary Churn and Optimize the Hiring Process**

**Master of Science in Business Analytics**

**Course: Experiential Projects**

**S24 – 004 – Group 4 – Project 2**

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# **Burndown Chart**



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The project burndown chart visually depicts the progress of work against the project's timeline, spanning from March 5 to April 28. The X-axis enumerates the days of the project, while the dual-scaled Y-axis measures the story points on the left and another metric which is the total story points on the right.

Several critical components are highlighted in the chart: The orange line represents the total remaining story points, indicating the expected decrease in workload over time, starting from approximately 145 story points. The ideal burndown, indicated by the blue line, when measured against the total remaining story points, reflects the team's progress in accordance with the planned trajectory. The actual story points completed each day are illustrated by the yellow bars, fluctuating to reflect the varying pace of task completion. The green bars represent the planned story points, setting a benchmark for the expected progress on any given day. These bars give insight into the projected volume of work against which actual performance can be measured. The black dotted line denotes the current date, providing a straightforward comparison for stakeholders to check the status. Observing the trends on either side of the dotted line is instrumental in understanding the project's dynamics and managing expectations for its conclusion. As the project progresses, continual monitoring of these elements will be vital for deriving insights that inform any necessary strategic adjustments.

# **Velocity Chart**





The Project Velocity Chart provides a comprehensive view of the work undertaken across several iterations, known as sprints in terms of story points, a unit of measure indicating the effort required to complete a task or project. The chart categorizes the work into committed story points (yellow bars) and completed story points (green bars) over the course of four sprints.

In Sprint 0, the team showed commendable alignment between the story points they committed to and those they completed, indicating a strong start. Sprint 1 witnessed a substantial increase in both committed and completed story points, suggesting an enhancement in the team's capacity for work delivery. Despite committing to more story points in Sprint 1, the team still accomplished a significant volume of work hinting at potentially optimistic commitments. Currently, in Sprint 2, the chart indicates that the team has not yet completed as many story points, implying that the tasks are in progress. Sprint 3 shows only committed story points, with no completion recorded, which aligns with the current phase i.e. Sprint 2 is underway and work for Sprint 3 is yet to begin.

This velocity chart serves as a crucial tool for evaluating team performance over time and for strategizing upcoming sprints. It reflects the team's proficiency in estimating and executing tasks, and the absence of completed points in Sprint 3 is expected given the project's timeline. The insights gained here are vital for the team to fine-tune their future commitments and approach, ensuring realistic objectives and a steady workflow.