

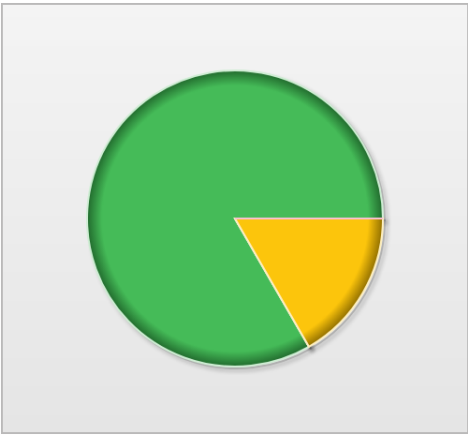


# Snapshot 4

Project: AI for Smart Cities Testing  
By Emily Weimer, 5/8/2025 7:13 AM

Test run of Snapshot 4.

## Run: Snapshot 4 Run - 04/12/2025

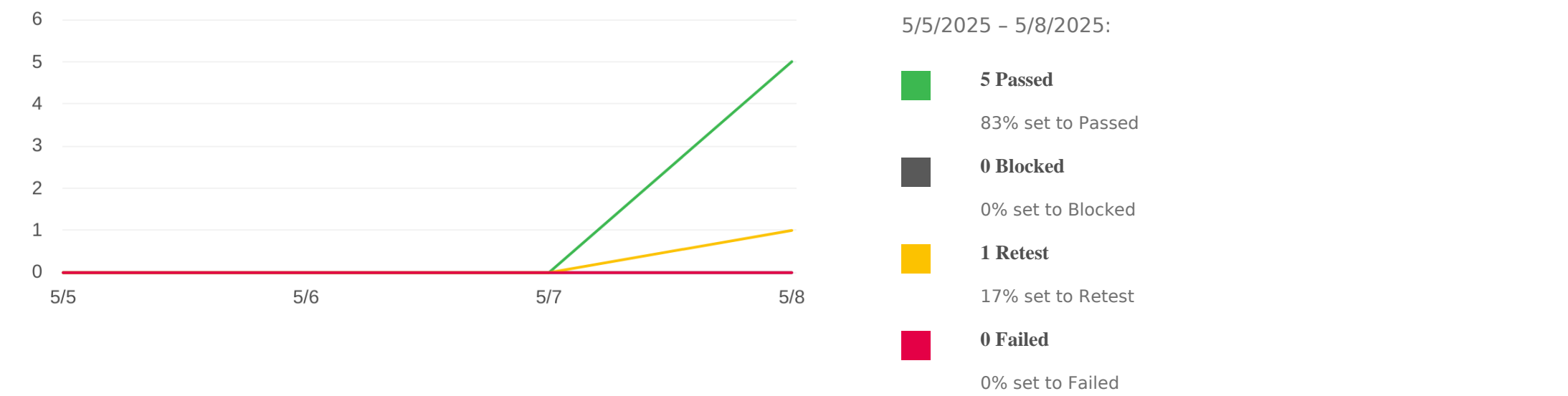


- 5 Passed**  
83% set to Passed
- 0 Blocked**  
0% set to Blocked
- 1 Retest**  
17% set to Retest
- 0 Failed**  
0% set to Failed

83%  
passed  
0 / 6 untested (0%).

Test run of Snapshot 4 test cases.

Milestone	<a href="#">Snapshot 4</a>
Created On	5/8/2025
Completed	No



Thursday, May 08, 2025

Passed	Generate Q3 vs Q4 Comparison (Future Work Prototype)	Tested by Emily W.
Passed	Display Station Trip Statistics on Marker Click	Tested by Emily W.
Retest	Visualize Peak Usage via Marker Size and Opacity	Marked by Emily W.
Passed	Update Map Legend Based on Filter	Tested by Emily W.
Passed	Filter Historical Data by Day of Week	Tested by Emily W.
Passed	Fetch and Display Historical Station Markers	Tested by Emily W.

Assigned	Generate Q3 vs Q4 Comparison (Future Work Prototype)	Assigned to Christian C.
Assigned	Display Station Trip Statistics on Marker Click	Assigned to Christian C.
Assigned	Visualize Peak Usage via Marker Size and Opacity	Assigned to Christian C.
Assigned	Update Map Legend Based on Filter	Assigned to Christian C.
Assigned	Filter Historical Data by Day of Week	Assigned to Christian C.
Assigned	Fetch and Display Historical Station Markers	Assigned to Christian C.
Untested	Generate Q3 vs Q4 Comparison (Future Work Prototype)	
Untested	Display Station Trip Statistics on Marker Click	
Untested	Visualize Peak Usage via Marker Size and Opacity	
Untested	Update Map Legend Based on Filter	
Untested	Filter Historical Data by Day of Week	
Untested	Fetch and Display Historical Station Markers	

Progress



Since 5/8/2025:

- Remaining Tests**  
83% of tests completed.
- Remaining Effort**  
Forecast not available.
- Ideal Progress**  
Forecast not available.

Forecasts & Estimates



Based on the current activity and forecasts, the projected completion date for the test run(s) is:

Unknown  
*Forecast not possible*



The test run(s) were started **12 minutes ago** (5/8/2025).

Completed:83%(5/6)  
Elapsed:0h 0m  
Tests / day: 5  
Hours / day:n/a





Metric	By Estimate	By Forecast
Completed	0h 0m	n/a
To-do	0h 0m	n/a
Total	0h 0m	n/a

Snapshot 4 – Historical Data Comparison & Future Work (6)

This snapshot implements the Metro Bike Share Historical Data Analysis & Visualization apps. It displays Q3 2019 station usage, lets users filter by day of week, updates legends, visualizes peak hours with marker size and opacity, shows trip statistics on click, and lays the groundwork for quarter-to-quarter comparison features.

ID	Title	Status
T25	Fetch and Display Historical Station Markers	Passed
T26	Filter Historical Data by Day of Week	Passed
T27	Update Map Legend Based on Filter	Passed
T28	Visualize Peak Usage via Marker Size and Opacity	Retest
T29	Display Station Trip Statistics on Marker Click	Passed
T30	Generate Q3 vs Q4 Comparison (Future Work Prototype)	Passed