

Area	Testing Metrics	Purpose
1. Data Load Time	Time taken to load full dataset into Tableau (initial and extract connections)	Ensure efficient loading of large datasets related to toy sales, production, and consumer insights.
2. Filter Efficiency	Time taken to apply filters like Season, Region, and Toy Type	Verify responsiveness and performance when using demographic and time-based filters.
3. Dashboard Responsiveness	Time taken for dashboards to load and update visuals based on user interactions	Ensure visualizations remain interactive and responsive during dynamic filtering or parameter changes.
4. Query Execution Time	SQL or Tableau-generated query run time (on database or extract)	Monitor backend performance and optimize SQL queries or extract refresh times.
5. Data Volume Handling	Test with large datasets (e.g., sales over 10 years across countries)	Validate Tableau's performance under real-world large data conditions.
6. Calculation Load	Time for calculated fields like % growth, seasonal comparison, regional variance	Assess how efficiently Tableau computes and displays calculated fields.
7. Map Rendering	Loading time for geographic maps per region	Ensure that regional sales maps display accurately and quickly.
8. Story Navigation	Transition smoothness between story points (scenarios 1 to 3)	Test storytelling performance across use cases.
9. Concurrent User Access	Test Tableau Public performance for multiple viewers accessing dashboards	Check for latency or crashes under simultaneous access.
10. Exporting Reports	Time to export dashboards into PDF/Image formats	Evaluate report generation performance, especially for management reviews.