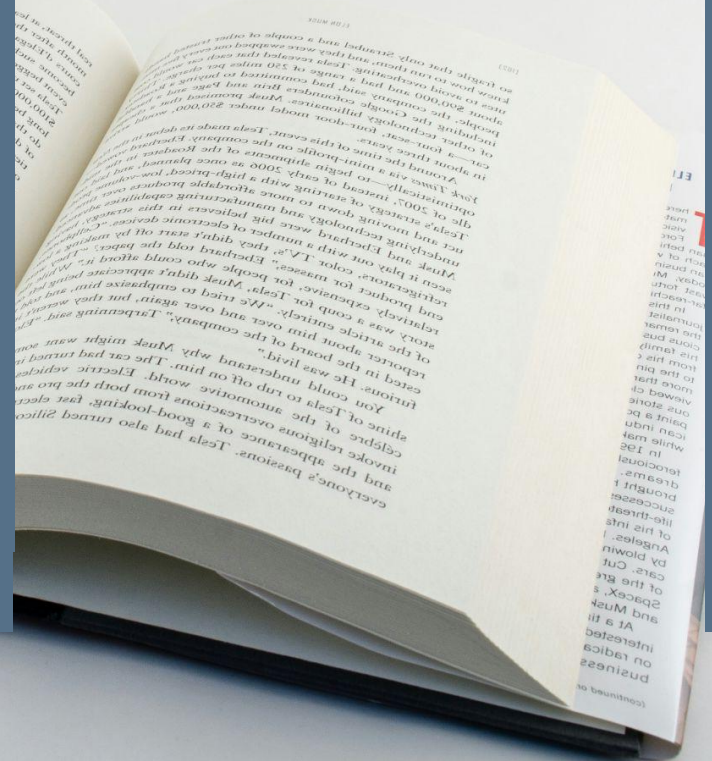


Literary Insights

A Data-Driven Approach for Library Inventory

By: Sarah Prusaitis



Sarah Prusaitis

Medical Assistant/Artist turned Data Analyst
Seattle, Washington

GitHub:



LinkedIn:





BOTTOM LINE:

**Predict and manage demand for the Seattle
Public Library**



Data Overview:





The Seattle Public Library

Data Source:

The Seattle Public Library,
2022-2023 checkouts
~ 5 Million rows

Limitations:

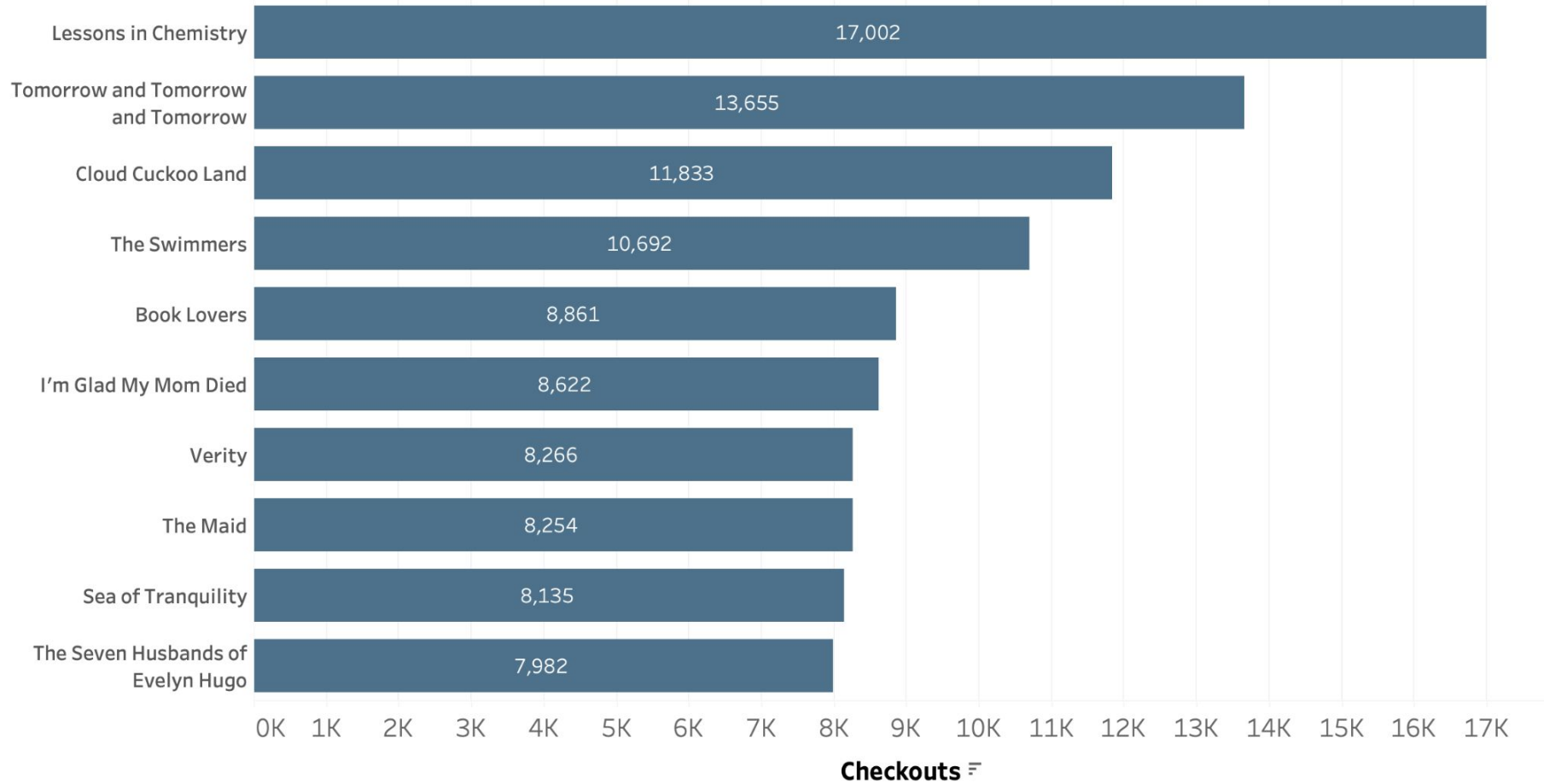
Inconsistent Titles and Author names
No data past December 2023



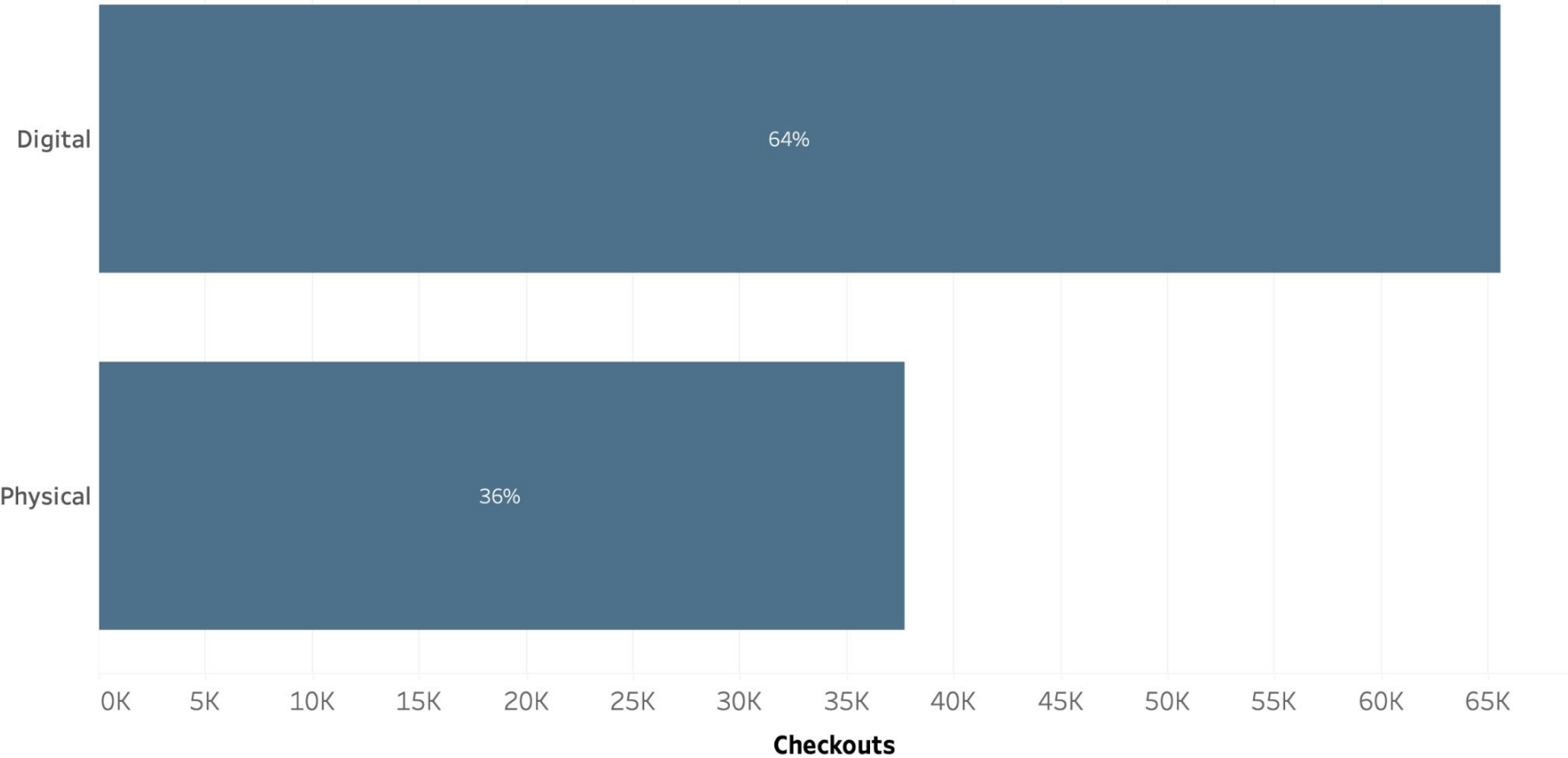
Analysis:



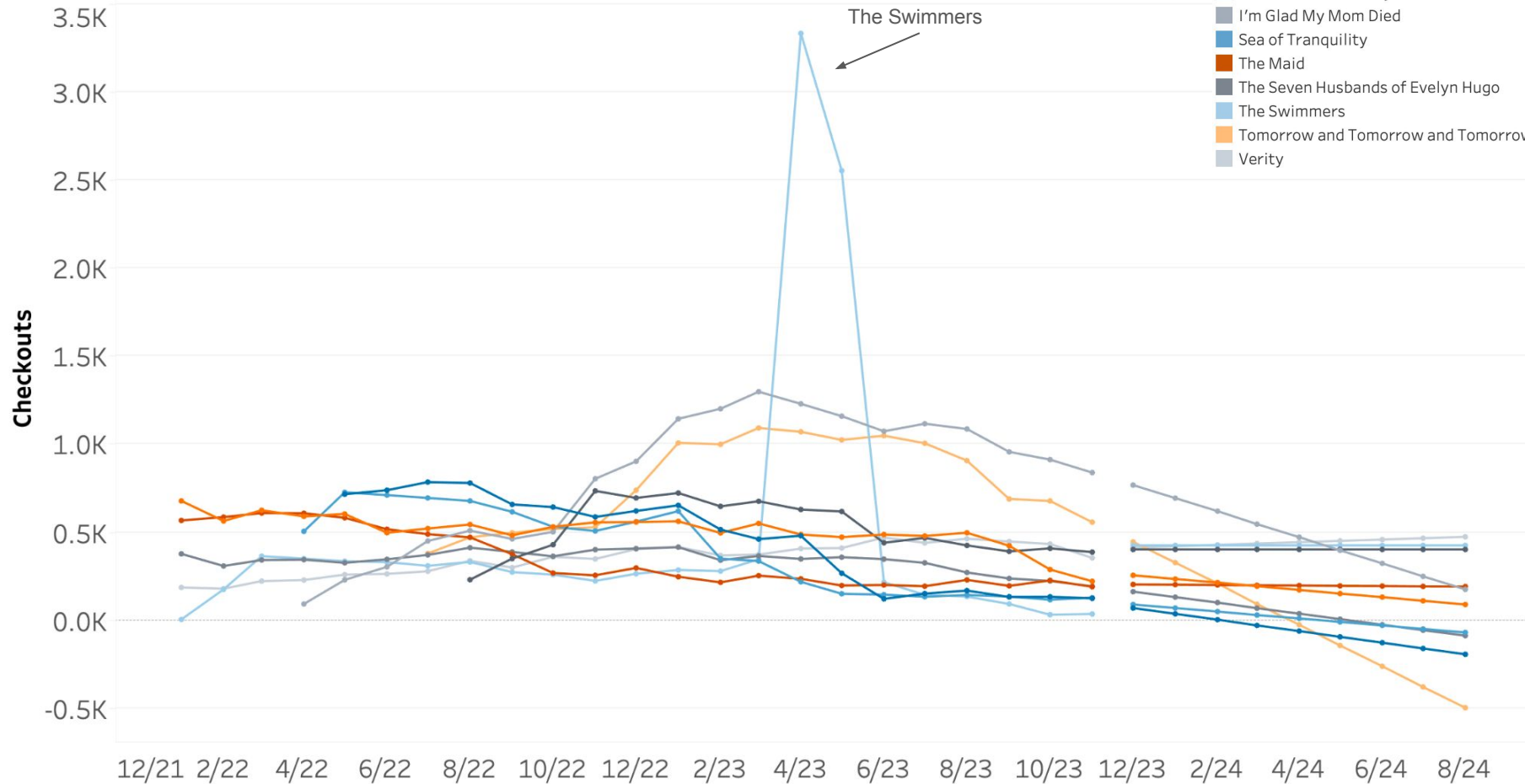
Lessons in Chemistry was the most popular book overall in 2022 and 2023



Digital books are 28% more popular than physical books



Monthly Checkout Trends for Top 10 Titles





Recommendations:





RECOMMENDATIONS:

Expand digital library services

Flexible purchasing strategies

Promote new arrivals and popular titles



Next Steps:





NEXT STEPS:

Incorporate patron feedback

Explore partnerships for resource optimization

Use current data from 2024



QUESTIONS?