

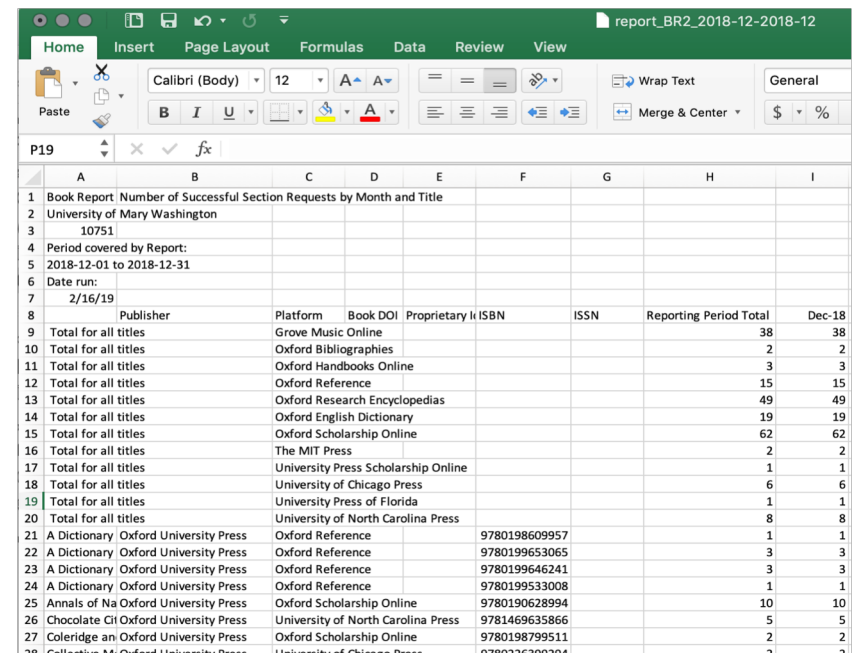
Building an Alma Analytics Dashboard for E-Book Usage Data

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VCU Libraries
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Background

Prior to migrating to Ex Libris' Alma, the University of Mary Washington (UMW) Libraries did not have an electronic resource management (ERM) system to harvest COUNTER usage data.

Reports were pulled on an ad hoc basis, making it difficult to know how e-resources were used over time and across platforms.



	A	B	C	D	E	F	G	H	I
1	Book Report: Number of Successful Section Requests by Month and Title								
2	University of Mary Washington								
3	10751								
4	Period covered by Report:								
5	2018-12-01 to 2018-12-31								
6	Date run:								
7	2/16/19								
8	Publisher	Platform	Book DOI	Proprietary ID	ISBN	ISSN	Reporting Period Total	Dec-18	
9	Total for all titles	Grove Music Online					38	38	
10	Total for all titles	Oxford Bibliographies					2	2	
11	Total for all titles	Oxford Handbooks Online					3	3	
12	Total for all titles	Oxford Reference					15	15	
13	Total for all titles	Oxford Research Encyclopedias					49	49	
14	Total for all titles	Oxford English Dictionary					19	19	
15	Total for all titles	Oxford Scholarship Online					62	62	
16	Total for all titles	The MIT Press					2	2	
17	Total for all titles	University Press Scholarship Online					1	1	
18	Total for all titles	University of Chicago Press					6	6	
19	Total for all titles	University Press of Florida					1	1	
20	Total for all titles	University of North Carolina Press					8	8	
21	A Dictionary Oxford University Press	Oxford Reference			9780198609957		1	1	
22	A Dictionary Oxford University Press	Oxford Reference			9780199653065		3	3	
23	A Dictionary Oxford University Press	Oxford Reference			9780199646241		3	3	
24	A Dictionary Oxford University Press	Oxford Reference			9780199533008		1	1	
25	Annals of Na Oxford University Press	Oxford Scholarship Online			9780190628994		10	10	
26	Chocolate Ctl Oxford University Press	University of North Carolina Press			9781469635866		5	5	
27	Coleridge an Oxford University Press	Oxford Scholarship Online			9780198799511		2	2	
28	Collective M Oxford University Press	University of Chicago Press			9780276399794		2	2	

Prior to Alma, we downloaded spreadsheets from vendor administrator portals, which was time consuming and making use of the data was difficult.

Dashboard Goals

Provide a **quick overview** of how e-books are used **over time** and **across platforms**

Make it **easier** (and faster) to **answer basic questions**: how many times have e-books been used this fiscal year, which platforms are used the most, are users experiencing a high number of turnaways?

Create effective **visualizations** that reveal **patterns** and **relationships** that might be missed when viewing spreadsheets

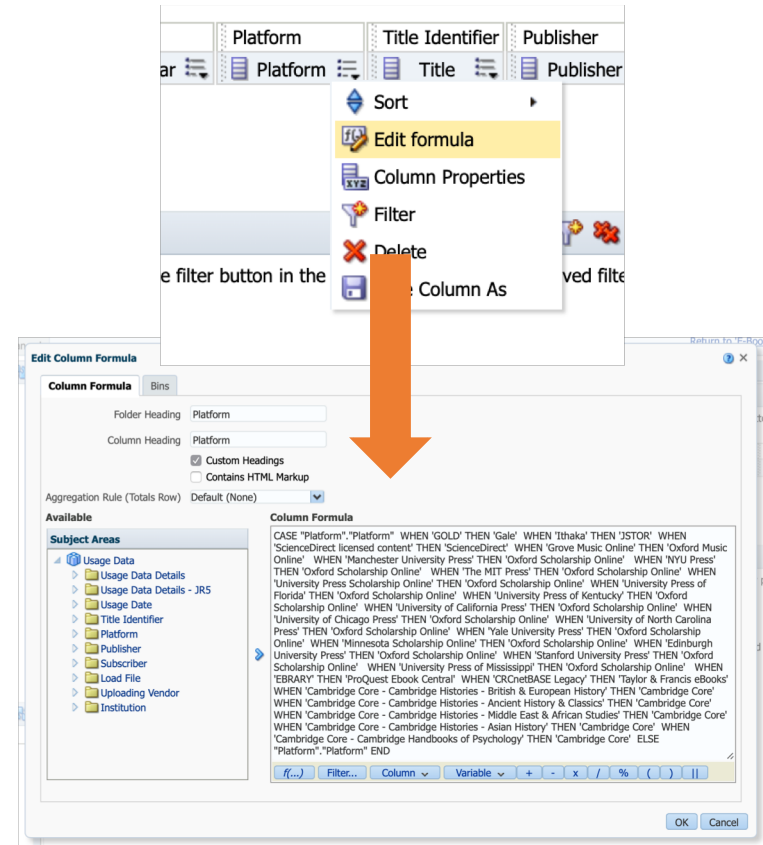
Easy to use and **relevant** for all library staff

Customizations

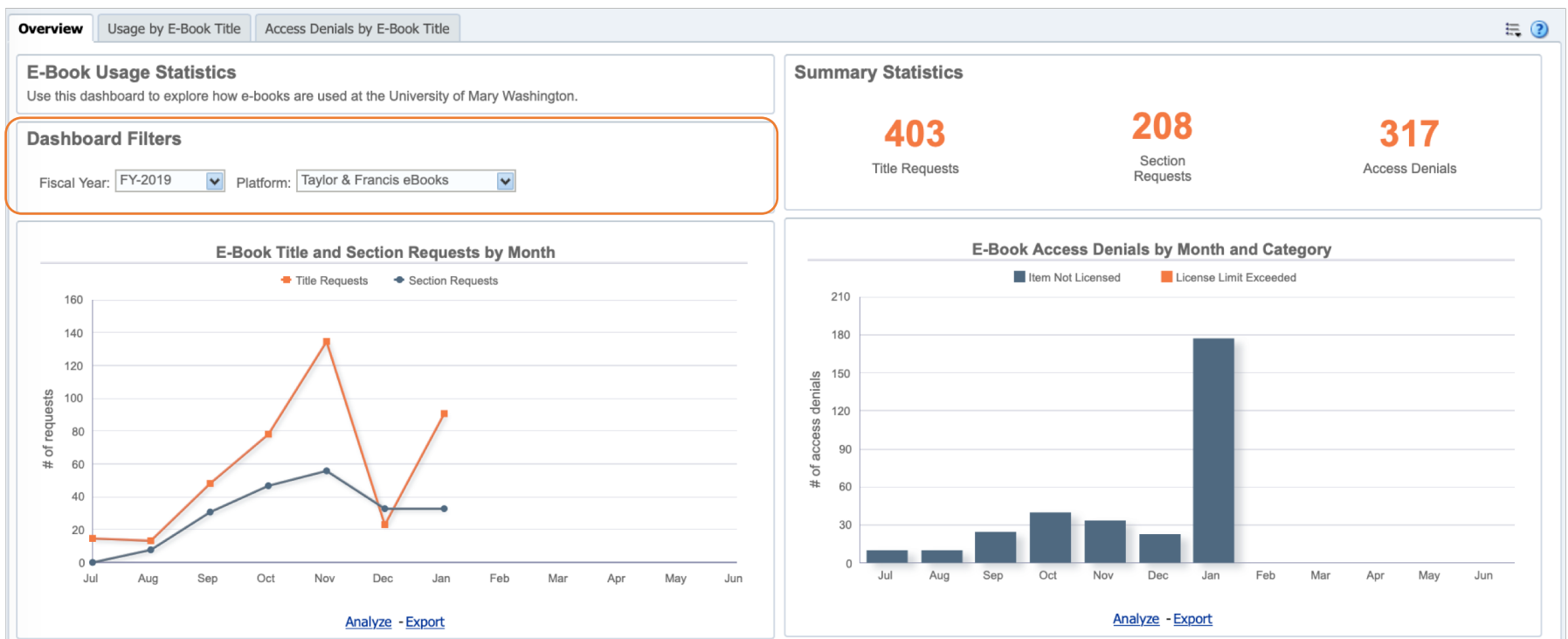
The main customization made was modifying the appearance of some platform names:

- GOLD -> Gale
- Ithaka -> JSTOR
- ScienceDirect licensed content -> ScienceDirect

This was accomplished by editing the formula for the platform dimension with SQL CASE statements

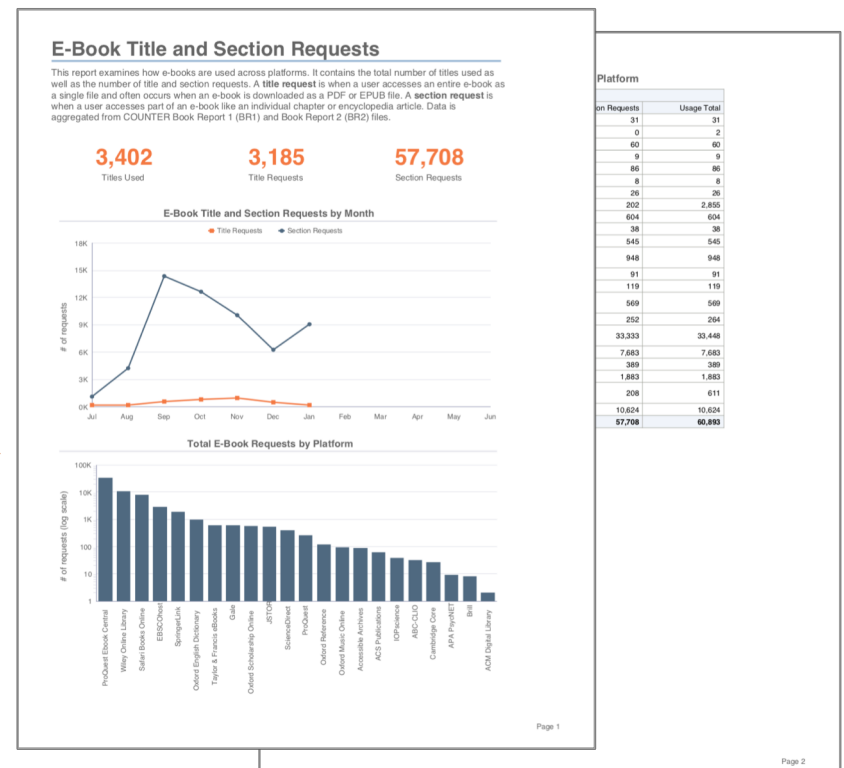
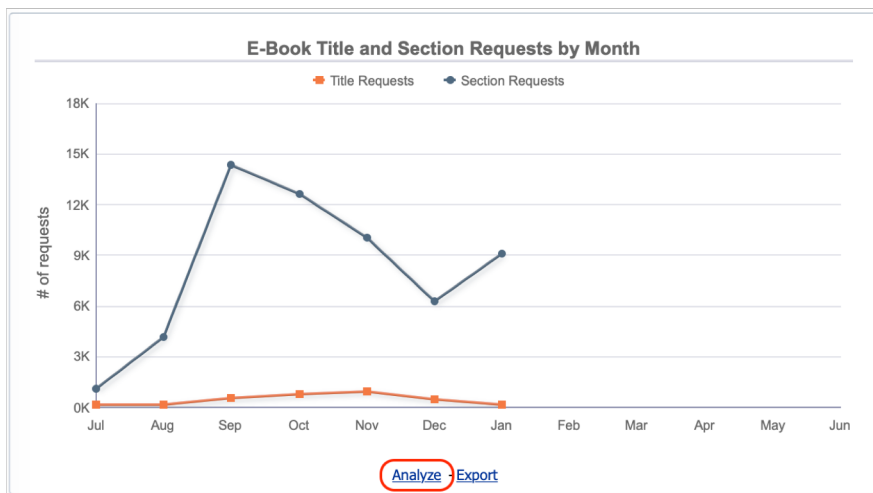


Dashboard Filters



Reports

Users can access more in-depth reports directly from the dashboard by clicking on the Analyze button under a graphic of interest



Next Steps

Build in more **contextual information**, such as the number of e-books in each collection to estimate the proportion of titles that are used.

Normalize publisher names to analyze e-book use by publisher

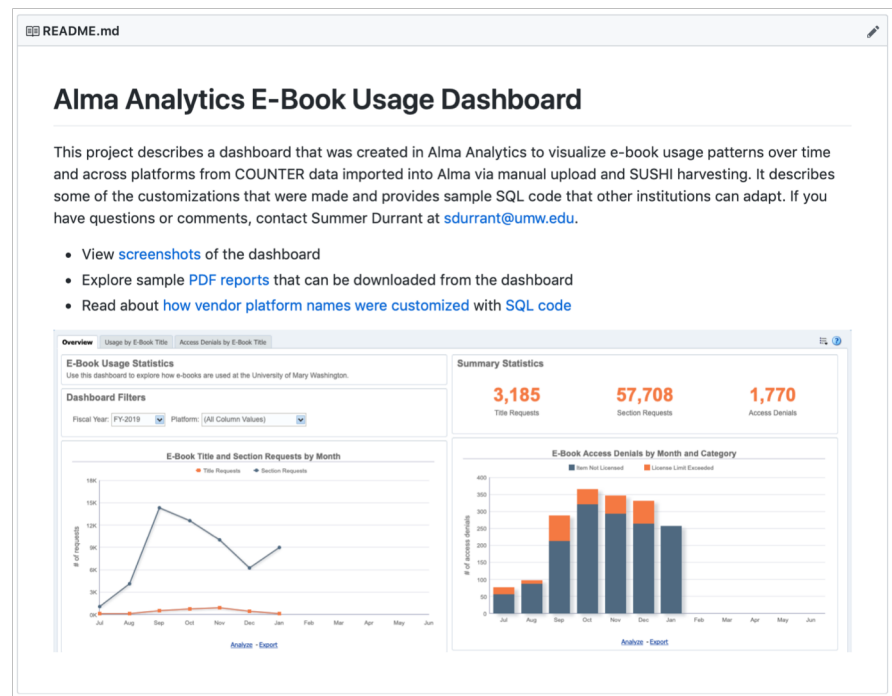
Monitor transition to COUNTER Release 5

More Information

More information about the dashboard is available on GitHub, including:

- screenshots
- example PDF reports
- SQL code for modifying platform names that can be adapted

<https://github.com/summerdurrant/ebook-dashboard>



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