



Tableau + Analytics API

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http://bit.ly/anzreg-tableau-api





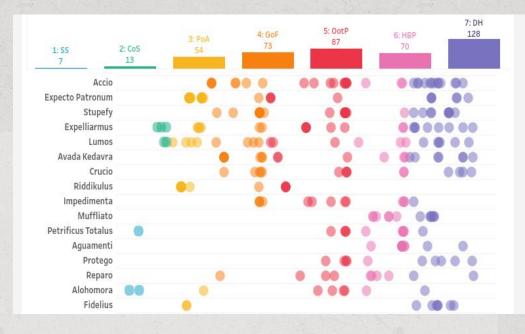
¿Tableau?

Examples

- US political polarization
- Harry Potter spell
- New York taxis

Swinburne

- Swinburne Commons
- Commons analytics
- Commons series analytics



University examples

- <u>Utah index</u>
- Utah courses
- Utah enrollments

ExLibris

- ExLibris Tableau Web Data Connector blog post
- ExLibris Tableau connector on GitHub
- ExLibris hosted connector





Idea Exchange

31 votes

Vote

Tableau access to Analytics (Alma & Primo)

Hi ExLibris

A number of institutions use Tableau (market leading BI platform) for Library Analytics

It would be awesome if ExLIbris would open/allow Alma & Primo Analytics to connect with other similar BI tools)

Currently Tableau can connect with Oracle BI (OBIEE) (which Alma/Primo Analytics use) I the connection

details and network access - refer documents below

- https://www.youtube.com/watch?v=4WKBtLB1W5o
- http://kb.tableau.com/articles/knowledgebase/tableau-and-obiee
- https://www.biconnector.com/

ExLibris users: Please post in the comments below if you use Tableau - or if you use a sir Library Analytics please post the details

Cheers

Justin Kelly Swinburne





Why does Swinburne care?





Executive Scorecard Load

Load Revenue

Course Attrition

VTAC

Government Data Collections



Finance

Marketing

Course and Unit Delivery











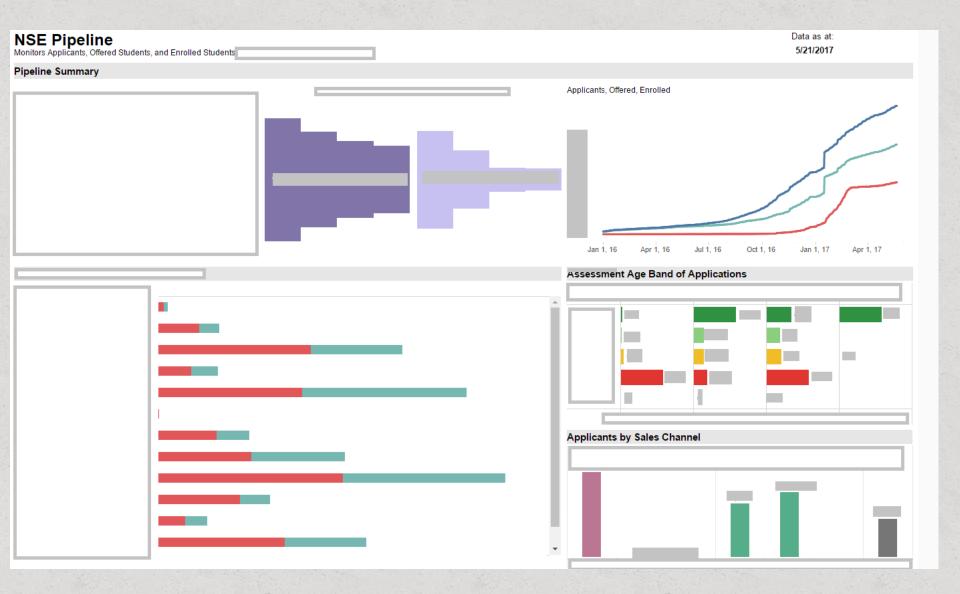




Powered by Swinburne Information Hub (SIH)









Can you see the problem?

Ex Libris Tableau Web Data Connector

API Key	e.g. I7xx04fbcedffds882393xxd4323bxxxxx1
Report Path	e.g. /shared/Alma/Fulfillment/Reports/Count of Items Loaned by Patron Grou
	The path (including the report name) of the Analytics report. See this blog post
Region	NA
Max number of rows	5000
	Get data



Sample Alma Analytics report

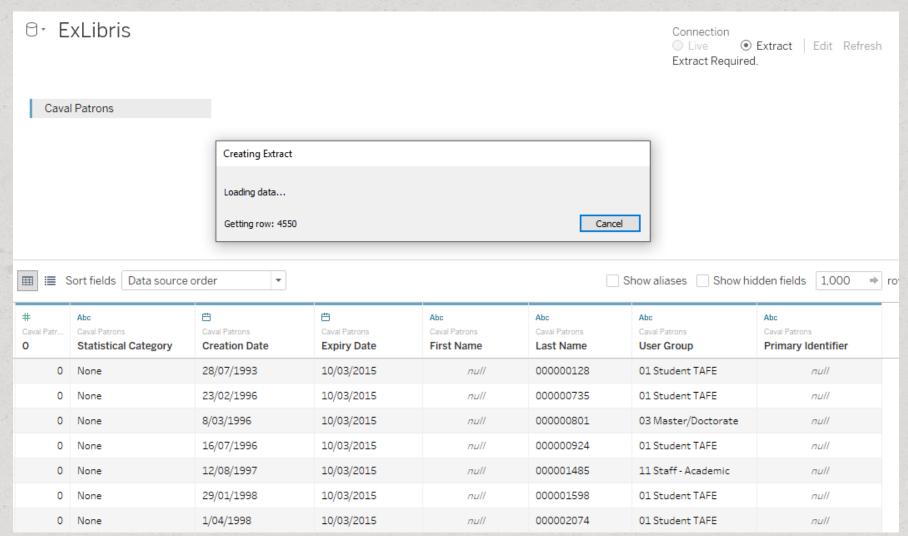
Caval Patrons

Caval Patrons

Primary Identifier First Name	First Name	Last Name	Statistical Category	User Group	Creation Date	Expiry Date
	000000128	None	01 Student TAFE	7/28/1993	3/10/2015	
		000000735	None	01 Student TAFE	2/23/1996	3/10/2015
		000000801	None	03 Master/Doctorate	3/8/1996	3/10/2015
		000000924	None	01 Student TAFE	7/16/1996	3/10/2015
	000001485	None	11 Staff - Academic	8/12/1997	3/10/2015	
	000001598	None	01 Student TAFE	1/29/1998	3/10/2015	
	000002074	None	01 Student TAFE	4/1/1998	3/10/2015	
	000004550	None	01 Student TAFE	2/15/2000	3/10/2015	
	000004582	None	11 Staff - Academic	2/16/2000	3/10/2015	
	000004602	None	11 Staff - Academic	2/17/2000	3/10/2015	
		000004742	None	01 Student TAFE	2/23/2000	3/10/2015
		000005314	None	03 Master/Doctorate	5/31/2000	3/10/2015
		000007112	None	01 Student TAFE	2/22/2001	3/10/2015
		000007488	None	12 Staff - Non-academic	3/27/2001	3/10/2015
		000007696	None	11 Staff - Academic	5/25/2001	3/10/2015
		000007719	None	01 Student TAFE	6/5/2001	3/10/2015
	000007821	None	01 Student TAFE	7/4/2001	3/10/2015	
	000007886	None	11 Staff - Academic	7/23/2001	3/10/2015	
		000008081	None	11 Staff - Academic	8/9/2001	3/10/2015
		000008116	None	11 Staff - Academic	8/24/2001	3/10/2015
	000009806	None	01 Student TAFE	2/28/2002	3/10/2015	
		000010017	None	11 Staff - Academic	3/8/2002	3/10/2015
		000010019	None	01 Student TAFE	3/9/2002	3/10/2015
		000011386	None	12 Staff - Non-academic	1/29/2003	3/10/2015

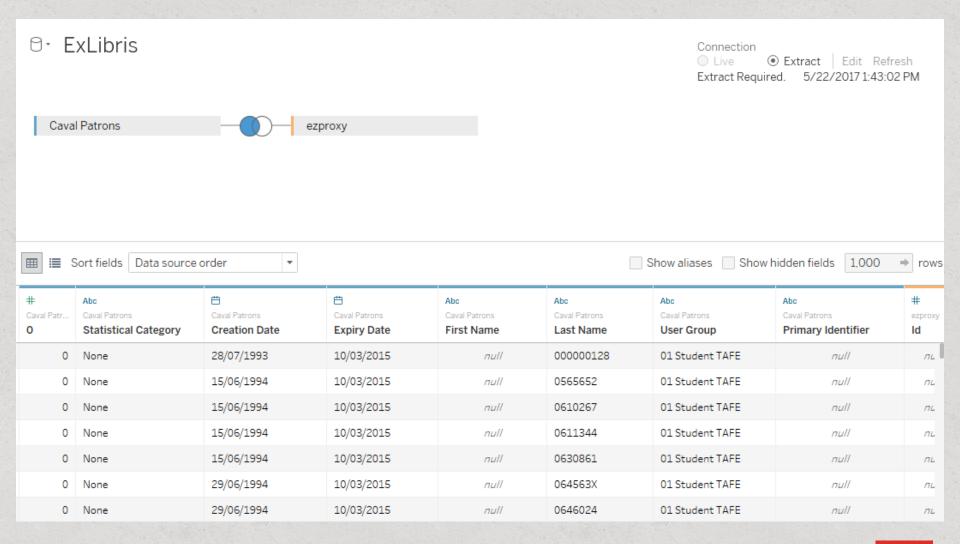


Bringing that into Tableau





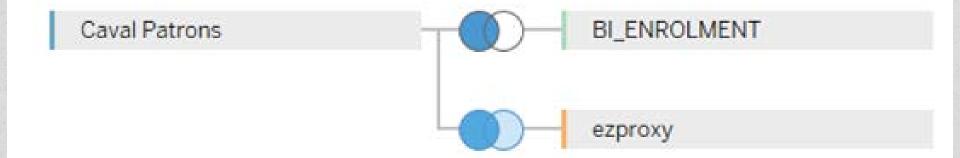
Where it starts to get interesting





Where it gets really interesting

0 - ExLibris





Sample merge Alma analytics with the student system and ezproxy

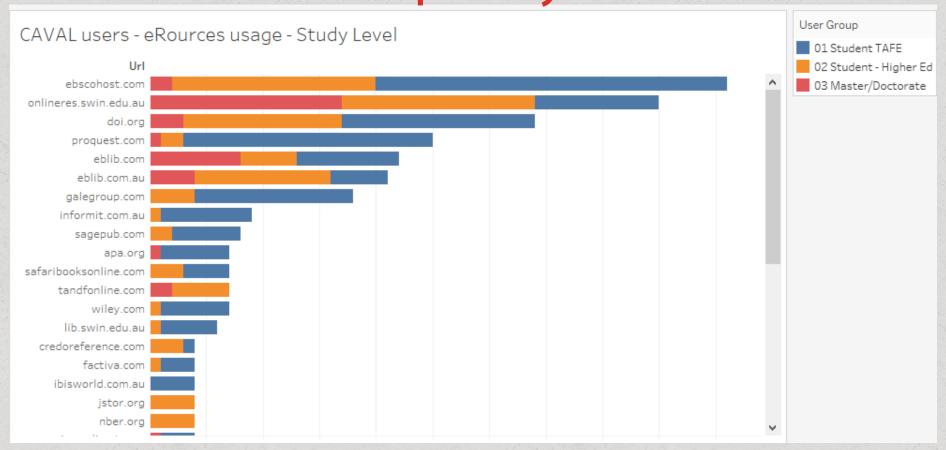








Tableau + Web Connector: Whats right

Easy to work with

Great for high level reports







Tableau + Web Connector: Whats wrong

Limited

Not suitable for operational style reporting or exploratory/analysis style work

!Oracle Bl is not an operational reporting system!





Tableau + Web Connector: Conclusion

Personally incorrect expectations

Limited

Not suitable for operational style reporting





Suggestions

Analytics or exploratory report

Tableau + Alma API (requires custom development)

Just need to bring in high level figures in Tableau + Alma/Primo Analytics API + Web Connector





What now?

Tableau + University of Washington Libraries
Alma Analytic Tools

Bypass any 5000 or 65,000 row limit

Custom development to get the benefits of Tableau and Alma/Primo Analytics







I've forgotten why I care

Alma = Universal Resource Management
Primo = Universal Display/Discovery Layer
Ezproxy/Link Resolvers = Universal content access
Tableau = Universal BI/Analytical reporting tool

Without all 4 of the above in sync we are not extracting the true benefits of the ExLibris product suite





Please tell me again why I should care

No one outside of the Library knows or cares that Alma/ExLibris are awesome - can't see = don't care

All AU universities are focusing on analytics (7.5% funding)

The Libraries best resource (data) can't be locked away in a silo - it needs to be deeply incorporated with the rest of the universities reporting/analytical systems





Thank you!

Questions, comments, thoughts, suggestions??

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