

Checking your data with analytics

It can be helpful to check your data. Through the years, library standards have changed, our libraries have gone through migrations and sometimes mistakes slip in. This session is to help find data you might want to change to make your data better.

These are simple examples of the kinds of reports you can do with analytics. Hopefully the examples will provoke ideas for reports that will be useful for your library.

Since the sandboxes do not have access to analytics, I will be in live library environments. I will omit fields from the reports that may identify the libraries that I am using.

Remember the data found in analytics is accurate up to yesterday.

Tour of the Interface

Catalog Menu: folders, search function, Institution folder, Alma folder, ODIN folder





Show templates in ODIN folder (University of Kentucky Kathryn Lybarger) ELUNA Knowledge Days

Create Menu: Subject areas







Count reports

Physical Items

Physical Items report Location / Num of items in repository

Selected Columns	
Location	Physical Item Details
 Location Name 	 Num of Items (In Repository) 

Next, add Number of loans in the last two years.

Selected Columns		
Location	Physical Item Details	Loan Measures Post-Migration
 Location Name 	 Num of Items (In Repository) 	 Num of Loans Last 2 Years 

Remove number of loans, and add Material Type

Location	Physical Item Details	
Location Name	Num of Items (In Repository)	Material Type

Process type / Num of items in repository

Selected Columns		
Location	Physical Item Details	
Location Name	Process Type	Num of Items (In Repository)

Switch to a list type of report by removing the measure. Add permanent call number and filter by process type = Missing.

Selected Columns		
Physical Item Details	Location	Holdings Details
Process Type	Location Name	Permanent Call Number
Filters		
Process Type is equal to / is in Missing		

Fines and Fees

Filter to current academic year / Creation Year-Month / Original Amount / Remaining Amount

Selected Columns	
Fines and Fees Transactions	
Fine Fee Type	Original Amount
Filters	
Transaction Date Filter is equal to / is in Current Academic Year	

Selected Columns

Fines and Fees Transactions

Fine Fee Type Original Amount Remaining Amount

Filters

Transaction Date Filter is equal to / is in Current Academic Year

List Reports

We are going to look at list reports which list each item, title, user etc. in the report. These reports can be imported into sets in Alma.

Title Reports

Bibliographic records where the resource type is unknown. Start with Template.

Criteria Results Prompts Advanced

Subject Area...

Titles

- Title Measures
- Usage Measures
- Usage Measures - Last Year
- Title Details
- Bibliographic Details
- Bibliographic IDs
- Linked Open Data
- Title Creation Date
- Title Modification Date
- LC Classifications
- Dewey Classifications

Selected Columns

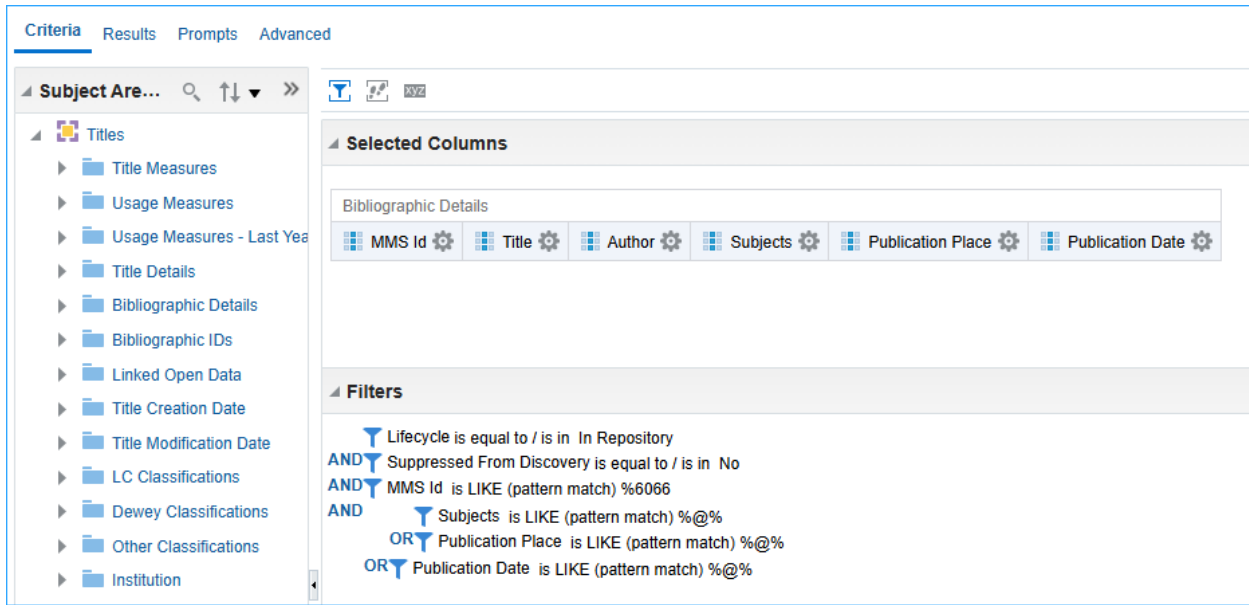
Bibliographic Details

MMS Id Resource Type Title

Filters

Lifecycle is equal to / is in In Repository
 AND Suppressed From Discovery is equal to / is in No
 AND MMS Id is LIKE (pattern match) %6066
 AND Resource Type is equal to / is in Undefined; Unknown

The next report is a list of titles that have the ampersand symbol in the publisher, year of publication or subject. Start with template.



You can import these reports into a set in Alma.

Click Create Itemized Set

Give the set a name and make sure the content type matches the type of content in your analytics report.

Click the From analytics option, use the navigation to find your report. Click Create.

Itemized Set Details

<p>Set name* <input style="width: 90%;" type="text" value="Titles with @ symbol"/></p> <p>Description <input style="width: 90%;" type="text" value="Enter description"/></p> <p>Note <input style="width: 90%;" type="text" value="Enter note"/></p> <p>Set content type <input style="width: 90%;" type="text" value="All Titles"/></p>	<p>Set type Itemized</p> <p>Content origin Institution only</p> <p><input checked="" type="checkbox"/> Private</p> <p><input checked="" type="checkbox"/> Active</p>
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Add items to set

From search
 From file
 From analytics

Analytics folder <input style="width: 90%;" type="text" value="ODIN Network Zone 01ODIN_NETWORK/Reports/O..."/>	Name <input style="width: 90%;" type="text" value="Titles with @ symbol"/>
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[Download report](#)

Once records are in a set, you can work on them one by one, you can push them to cataloging, and you can modify records with a job.

Bibliographic Language is undetermined. Start with Titles Template

Add language code filter is “und”

The screenshot shows a library catalog interface. On the left, a search sidebar lists various fields like 'General Note', 'Government Publicati', 'Has Local Extensions', 'ISBN', 'ISBN (Normalized)', 'ISBN Valid', 'ISSN', 'ISSN (Normalized)', 'ISSN Valid', and 'Language Code'. The 'Language Code' field is highlighted. On the right, the 'Selected Columns' section shows 'Bibliographic Details' with columns for 'MMS Id', 'Material Type', 'OCLC Control Number (035a)', and 'Language Code'. Below this, the 'Filters' section contains three conditions: 'Lifecycle is equal to / is in In Repository', 'AND Suppressed From Discovery is equal to / is in No', and 'AND Language Code is equal to / is in und'.

Bibliographic record with no OCLC number

The screenshot shows a library catalog interface. On the right, the 'Selected Columns' section shows 'Bibliographic Details' with columns for 'MMS Id', 'Material Type', and 'OCLC Control Number (035a)'. Below this, the 'Filters' section contains three conditions: 'Lifecycle is equal to / is in In Repository', 'AND Suppressed From Discovery is equal to / is in No', and 'AND OCLC Control Number (035a) is null'.

OCLC duplicate numbers

OCLC Duplicate Numbers by Title

Criteria Results Prompts Advanced

Subject Area... 🔍 ⬆️ ⬆️ ⬆️ ⬆️ ⬆️

- Titles
 - Title Measures
 - Usage Measures
 - Usage Measures - Last Year
 - Title Details
 - Bibliographic Details
 - Bibliographic IDs
 - Linked Open Data
 - Title Creation Date
 - Title Modification Date
 - LC Classifications
 - Dewey Classifications
 - Other Classifications
 - Institution

Selected Columns

Institution	Bibliographic Details	Title Measures
Institution Name ⚙️	OCLC Control Number (035a) ⚙️	Num of Titles (Active) ⚙️

Filters

- Num of Titles (Active) is greater than 1
- AND Title Creation Date is prompted
- AND OCLC Control Number (035a) is not null

Barcode reports

Barcode is an ISBN

Barcode filter Begins with 978

LENGTH(Barcode) is equal to / is in 13

Bibliographic Lifecycle is equal to / is in In Repository
 AND Holdings Lifecycle is equal to / is in Active
 AND Suppressed From Discovery is equal to / is in No
 AND Suppressed from Discovery is equal to / is in 0
 AND Lifecycle is equal to / is in Active
 AND Barcode begins with 978; 979
 AND LENGTH(Barcode) is equal to / is in 13

Barcode is Long

Remove barcode filter for 978

Update filter: LENGTH(Barcode) is greater than 14

Edit Column Formula

Column Formula Bins

Aggregation Rule (Totals Row) Default

Available Column Formula

Subject Areas LENGTH("Physical Item Details"."Barcode")

- Physical Items
 - Physical Item Details

Selected Columns

Bibliographic Details	Physical Item Details	Bibliographic Details	Location	Holdings Details	Physical Item Details			
MMS Id	Description	Barcode	Title	Location Code	Permanent Call Number	Holdings ID	Enum A	Chron I

Filters

- Bibliographic Lifecycle is equal to / is in In Repository
- AND Holdings Lifecycle is equal to / is in Active
- AND Suppressed From Discovery is equal to / is in No
- AND Suppressed from Discovery is equal to / is in 0
- AND Lifecycle is equal to / is in Active
- AND Process Type is equal to / is in None
- AND LENGTH(Barcode) is greater than 14

Item Copy Number Appears in Enumeration A

Selected Columns

Bibliographic Details	Physical Item Details	Location	Holdings Details	Physical Item Details				
MMS Id	Description	Barcode	Location Code	Permanent Call Number	Holdings ID	Enum A	Chron I	Process Type

Filters

- Bibliographic Lifecycle is equal to / is in In Repository
- AND Holdings Lifecycle is equal to / is in Active
- AND Suppressed From Discovery is equal to / is in No
- AND Suppressed from Discovery is equal to / is in 0
- AND Lifecycle is equal to / is in Active
- AND Process Type is equal to / is in None
- AND Enum A is equal to / is in c.1

Title [A] [X]

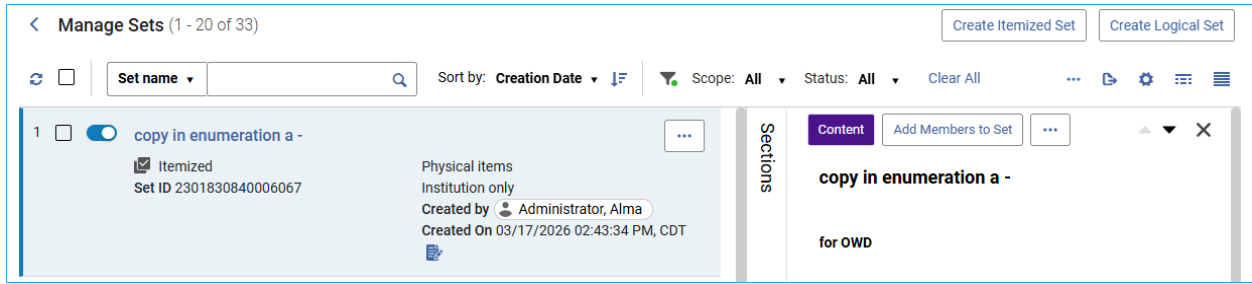
Physical Items Template

Table [A] [WZ] [X]

MMS Id	Location Code	Permanent Call Number	Barcode	Holdings ID	Enum A	Chron I	Description	Process Type
990069501170206074	STX2	BV4527 .B4945 2010	33131001134794	2211269970006074	c.1		c.1	None
990076160840206074	MLMA	BT28 .T97 2013	33131001204902	2211651810006074	c.1		Located in Reading Room	None

How to run a job on a set

Create an itemized set from an analytics report.



In the Admin menu select Run a Job.

Find the job, “Change Physical items information.” Select it and click Next.

Select the set you want to modify with the job. Click Next.

Scroll down the screen to the field for Enumeration A, check the box, and leave the field empty. This will clear any information in this field.

<input type="checkbox"/>	Statistics note 3	<input type="text"/>	Condition	Unconditionally	▼
<input checked="" type="checkbox"/>	Enumeration A	<input type="text"/>	Condition	Unconditionally	▼
<input type="checkbox"/>	Enumeration B	<input type="text"/>	Condition	Unconditionally	▼

Click Next. Here you can review the criteria for the job and click Submit.

More analytics training

Ex Libris has all the information available for this series: [Alma Analytics: Become and Expert](#)