### **Serial Control Process**

Time spent is time saved with prediction patterns

Liya Louis Art & Design Libraries VCUarts Qatar

### **Serial Control Process**

Time spent is time saved with prediction patterns

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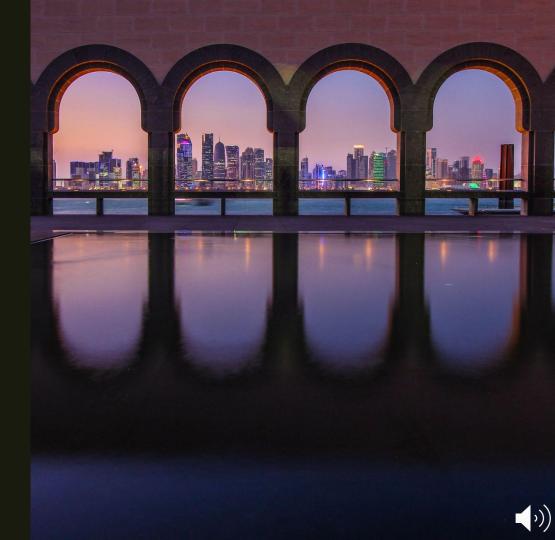
### Contents of this presentation

- Introduction
- Background of the case study
- Alma Serial prediction pattern functionality
- Different methods to create prediction patterns
- Alma requirements and permissions
- Marc Fields- 853/854/855
- Captions & Patterns
- MARC field 853 subfields
- Hacks learnt to overcome problems with examples
- Practical application-video illustration
- Method of implementation
- Advantages & challenges
- Practical application-Video illustration
- More on challenges
- Overall experience



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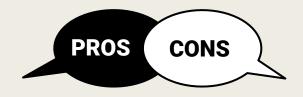


### Background

- Staff role changes
- Difficulty in tracking
- Lengthy receiving process
- Complex claiming process
- Naming issues
- Lack of statistics



# Time spent is time saved with prediction patterns Is it a matter of debate?







# What can Alma serials prediction pattern functionality do?

Alma supports prediction patterns to enable you to more easily manage serials. With prediction pattern support, it is possible to create serial items in advance of their receive date based on a prediction template. This capability uses the 853-855 holdings record fields for the predicted item information such as enumeration, chronology, frequency and so forth. Alma provides many predictive pattern templates. There are different ways to create prediction patterns in Alma.



### 3 methods to create prediction patterns in Alma

- 1) Use one of the readily available templates in Alma that suits the publication frequency.
- 2) Duplicate and edit a prediction pattern template available in Alma to create your own prediction pattern template to match the publication frequency
- 3) Manually enter the 853/854/855 field to create prediction patterns as per the publication frequency.



# **3-1**Ways to create prediction patterns

Use one of the readily available templates in Alma that suits the publishing frequency.

Alma 'Out of the box' has many prediction patterns – one for nearly every possible publishing pattern. These contain 853 captions and pattern fields as well as 590 note fields.

Serial prediction monthly regular with 13 issues(additional one in December)

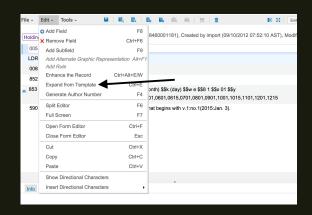
Continuing Resources Copy Of Serial prediction monthly regular Copy of Serial prediction quarterly seasons Copy of Serial prediction quarterly seasons with two issues Serial prediction 3 times a month Serial prediction 3 times a week Serial prediction 3 times a year Serial prediction all enum levels are missing Serial prediction annual Serial prediction annual index Serial prediction annual supplement Serial prediction biennial Serial prediction bimonthly Serial prediction bimonthly edited Serial prediction biweekly Serial prediction combined chron bimonthly Serial prediction combined chron quarterly Serial prediction combined chron semiannual Serial prediction daily Serial prediction daily 6 levels Serial prediction daily omits Sunday Serial prediction lacks a top level of enumeration and has continuous issue numbering Serial prediction monthly combined using 853 Serial prediction monthly omits Serial prediction monthly regular Serial prediction quarterly combine Serial prediction quarterly months Serial prediction quarterly seasons Serial prediction semiannual alternative enumeration Serial prediction semiannual continuous issue numbering Serial prediction semimonthly Serial prediction semimonthly 1 unit Serial prediction semimonthly 4 levels Serial prediction semiweekly Serial prediction three 853 fields



### 3-2

# Ways to create prediction patterns

Duplicate and edit a prediction pattern template available in Alma to create your own prediction pattern template to match the publication frequency.



An example of edited template as per the publishing frequency. Serial : Adage

A biweekly magazine that is published every two weeks except in the months of February, May, July, August, September and November.

\$\$a A biweekly (every 2 weeks) publication that begins with v.1:no.1(2015:Jan. 3).

853 0 3 \$\$a v. \$\$b no. \$\$u 26 \$\$v r \$\$i (year) \$\$j (month) \$\$w e \$\$8 1 \$\$k (day)

Edited the above template to predict 18 issues a year

853 0 3 \$\$a v. \$\$b no. \$\$u 18 \$\$v r \$\$i (year) \$\$j (month) \$\$k (day) \$\$w e \$\$8 1 \$\$x 01 \$\$y pd0101,0115,0201,0301,0315,0401,0415,0501,0601,0615,0701,0801,0901,1001,1015,1101,1201,1215
590 \$\$a A biweekly (every 2 weeks) publication that begins with v.1:no.1(2015:Jan. 3).



# 3-3

# Ways to create prediction patterns

Manually enter the 853/854/855 field as per the publication frequency.

853-855 fields [Repeatable]

**853** - CAPTIONS AND PATTERNS FOR BASIC BIBLIOGRAPHIC UNITS

**854** - CAPTIONS AND PATTERNS FOR SUPPLEMENTS

**855** - CAPTIONS AND PATTERNS FOR INDEXES

#### Required MARC Holdings fields for publication patterns: Captions and Patterns

**Captions:** Enumeration - volume/issue/part/section etc. Chronology - date of publication (year, month, season, day)

Patterns: Frequency interval - Special publication information

Detailed information can be found on https://www.loc.gov/marc/holdings/hd853855.html
Guidelines for applying content designators and the input conventions for the 853-855 fields are given in this section.



## 853/854/855 are made up of captions and patterns

Captions & Patterns

Enumeration



Chronology



Publication pattern

#### **Enumeration captions [All non-repeatable]**

#### \$\$a - \$\$h

\$a First level of enumeration

\$b-f Second level through sixth level of enumeration

\$g Alternative numbering scheme, first level of enumeration

\$h Alternative numbering scheme, second level of enumeration

#### **Chronology captions**[All non-repeatable]

#### \$\$i - \$\$m

\$i First level of chronology

\$j-I Second level through fourth level of chronology

\$m Alternative numbering scheme, chronology

Publication pattern

\$n Pattern note (non-repeatable)

\$u Bibliographic units per next higher level (repeatable)

\$v Numbering continuity (repeatable)

\$p Number of pieces per issuance (non-repeatable)

\$w Frequency (non-repeatable)

\$x Calendar change (non-repeatable)

\$y Regularity pattern (repeatable)

\$z Numbering scheme (repeatable)

#### Other captions & subfields

\$o Type of supplementary material, type of index (non-repeatable)

\$t Copy number (non-repeatable)

\$8 Field link and sequence no. (non-repeatable)

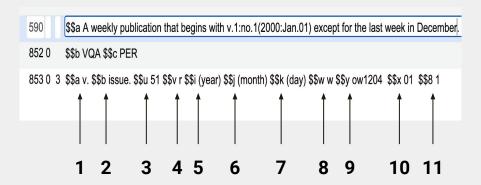


# Holding record 853 field example

(commonly used captions & patterns)

- 1. \$\$a volume (top level enumeration)
- 2. \$\$b number/issue (secondary enumeration)
- 3. \$\$u issues per year
- 4. \$\$v numbering pattern (repeating or continuous)
- 5. \$\$i first level of chronology
- 6. \$\$j second level of chronology
- 7. \$\$k third level of chronology
- 8. \$\$w periodicity (monthly, weekly, etc.)
- 9. \$\$y regularity pattern
- 10. \$\$x when a new volume starts
- 11. \$\$8 Field link and sequence number

#### What does it look like





# How are items predicted in Alma

Meet Alma serial prediction creation conditions



Captions and Patterns



Next predicted item information



Predicted items

#### Permissions in Alma needed to create prediction patterns

To add and/or manage physical resources, you must have one of the following roles:

- Physical Inventory Operator
- Physical Inventory Operator Limited
- Purchase Manager
- Purchase Operator
- Repository Manager

Requirements to create predicted items in Alma

- Right user role in Alma
- Associated POL with a POL type of "Journal"
- POL status of "Waiting for renewal"
- Active subscription
- MARC Holdings field 853/854/855 (captions & patterns)
- Next predicted item information
- Expected items generated



### Requisites

- Detailed action plan
- Dedicated staff time
- Compiled information sheet on subscriptions
- Verified information
- List of important factors to be considered for manually created prediction patterns
- Continuous effort to keep up with the publishing pattern changes

#### What did we do to accomplish the work

- Dedicated staff member spent time on learning Alma documentation on Serial prediction patterns
- Consulted peers in the field
- Gathered information on current subscriptions from the pieces, vendor site and at times internet, and previous year's issues
- Worked through each subscription and opened the predicted items to ensure accuracy
- Made notes for future reference to improve the process
- Noted down hacks learnt through the process



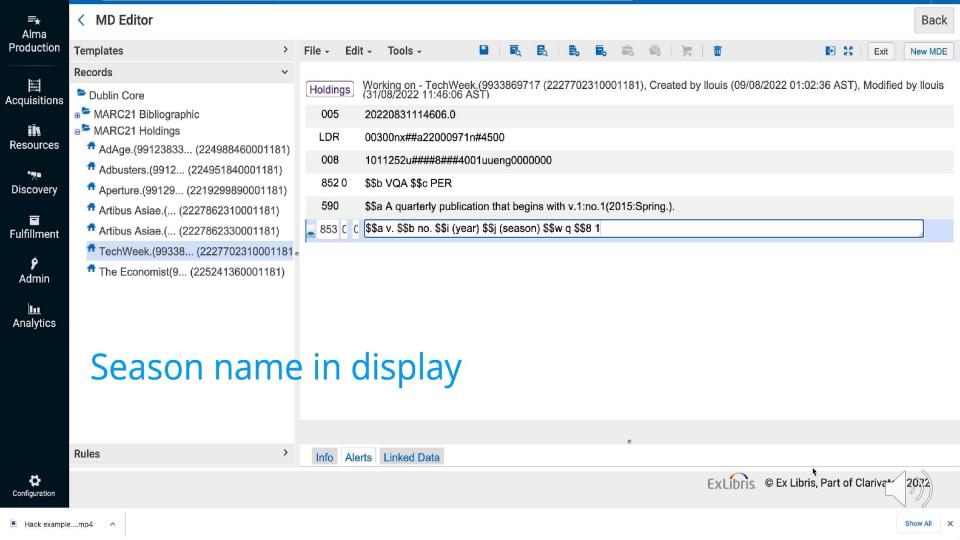
# Hacks learned during the process

- Bimonthly, 6 issues per volume, combines every two months starting with Jan/Feb, new volume in January (hack of monthly (\$\$w m rather than \$\$w b) to get joint months)
- If a number appears on a issue with a numbering pattern like 1/1, Jan. 2022), give a caption in brackets within parentheses
- When creating quarterly prediction patterns using months or seasons, the pattern does not display the text, i.e. month or season name, correctly (hack of quarterly)Instead of including the month or season in the second level of chronology (j) use the numerical notation, i.e. 01 for January or 21 for Spring in the next predicted item's information









#### Benefits

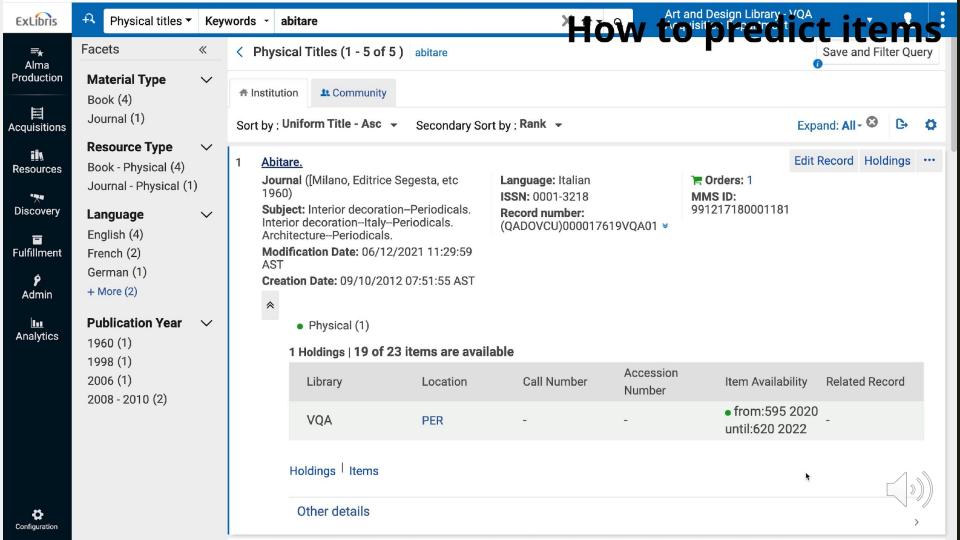
- Easy to track and predict future items once the pattern is developed
- Receiving time saved
- Easy tracking of issues not arrived
- Easy claiming process
- Enumeration and chronology naming consistency.
- Staff time saved on entering enumeration and chronology
- Make informed decisions on subscriptions

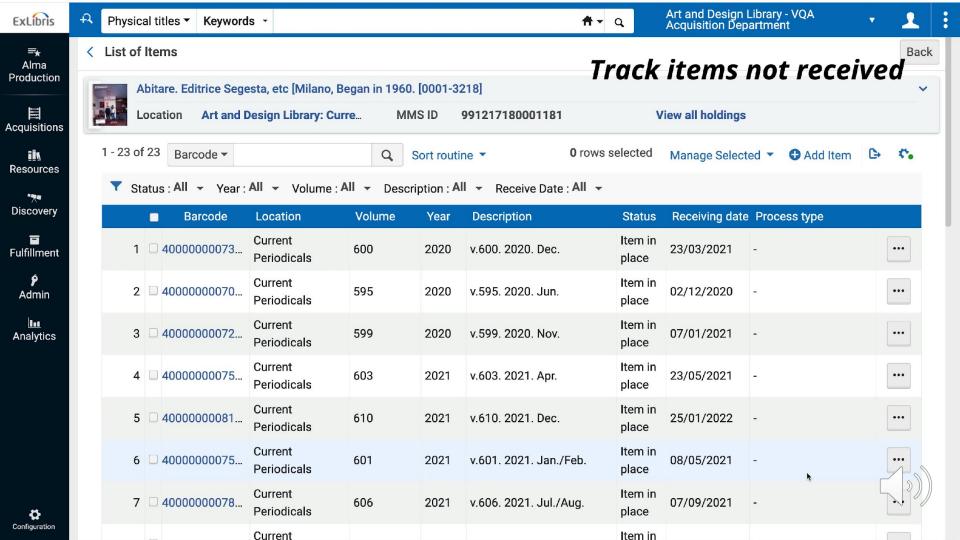
### Challenges

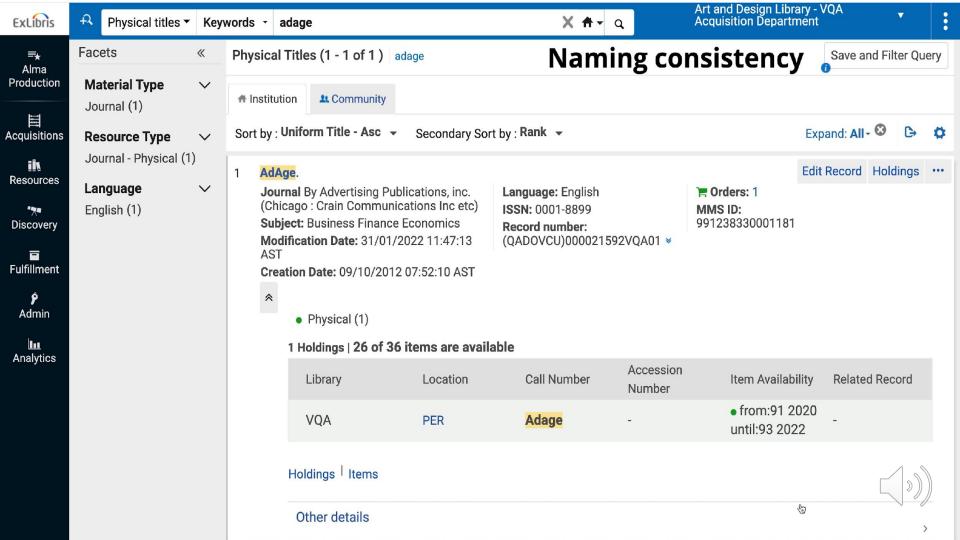
- Upfront time for developing patterns before implementation
- Repeated attempts to develop a successful pattern(lots of patience)
- No batch changes or uploading is possible. Work through each periodical
- Ongoing effort to track changes in the publishing pattern and update the system and notify the person in charge of receiving

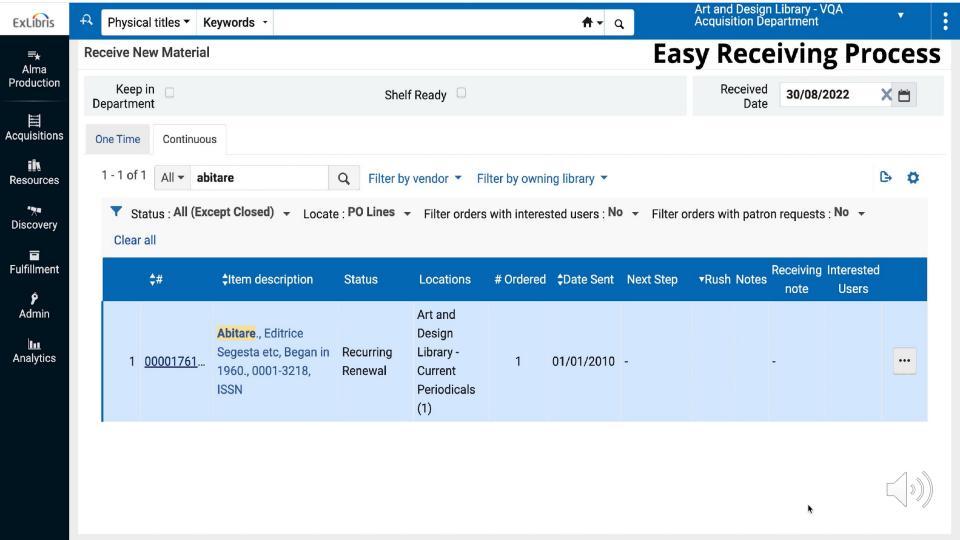
### **Benefits**

- Predict future items
- Track items not received
- Maintain naming consistency
- Easy receiving
- Make informed decisions







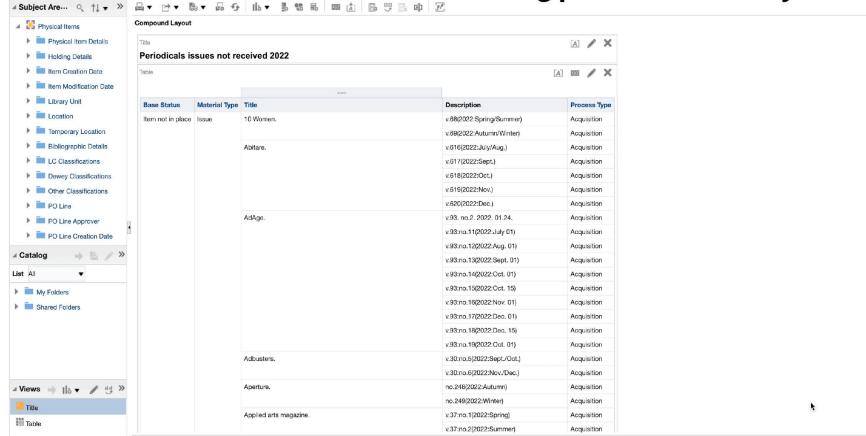




Criteria Results Prompts Advanced



Home Catalog Favorites ▼ Dashboards ▼ Create ▼ Open ▼



# Why ongoing effort is needed

- Publication patterns change multiple times in a year. "Publication patterns change due to the COVID-19 pandemic".
- Unexpected special editions
- Publications discontinue and resume publishing at an odd time of the year
- Publisher changes(does not affect predicted items)

#### More on challenges

	Reported Date <sub>0</sub>	Title Name ¢	Publisher ¢	Туре	Previous ¢ Value	New Value	Effective Date
	All	All	All	All ~			All
D	08/11/2022	Banipal	BANIPAL PUBLISHING	Title Status Change	Active	Discontinued	08/10/2022
D	08/11/2022	Journal of Interior Design	SAGE PUBLICATIONS INC	Publisher Change	WILEY- BLACKWELL	SAGE PUBLICATIONS INC	01/01/2023
D	07/14/2022	Harvard Business Review	HARVARD BUSINESS REVIEW	Title Frequency Change	Bimonthly-5 Or 6 Per Year (Every 2 Months)	Monthly-8 To 12 Per Year (Consecutive Months)	07/13/2022
Ð	07/14/2022	Harvard Business Review	HARVARD BUSINESS REVIEW	Issues Per Year Change	6	12	07/13/2022
D	07/06/2022	Elle Decoration - British ed	HEARST MAG UK/ HOUSE OF HEARST	Title Frequency Change	Odd Regular (No Set Schedule)	Monthly-8 To 12 Per Year (Consecutive Months)	07/01/2022
D	07/06/2022	Elle Decoration - British ed	HEARST MAG UK/ HOUSE OF HEARST	Issues Per Year Change	12	10	07/01/2022
Ð	06/08/2022	Harvard Business Review	HARVARD BUSINESS REVIEW	Issues Per Year Change	12	6	06/07/2022

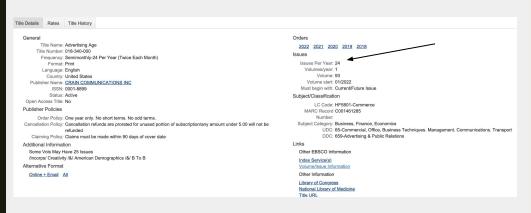


# Careful gathering of information

 Publication information varies from the vendor site, actual piece and actual publication pattern (Information on vendor site)

(Information on actual piece)

#### More on challenges



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Another example of irregular publication frequency Smithsonian-published monthly with an occasional special issue which requires careful tracking and manual editing of enumeration and chronology information after predicting items

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#### Information from Vendor Site

Title Details Rates		
General Title Name: Smithsonian Title Notes: Surface Mail/ For US Title Notes: Surface Mail/ For US Title Notes: Surface Mail/ For US Frequency: Monthly-8 To 12 Per Year (Conse Format: Print Language: English Country: United States Publisher Name: SMITHSONIAN ENTERPRISES	Surface Mail/ For US 232-260-013 Monthly-9 To 12 Per Year (Consecutive Months) Pirth English Sind History Sind States Shift HISCONIAN ENTERPRISES 0037-7333 Work No No No dots Also available as part of a Membership or Combination No odd terms. This is a Nor-Cancelable Title! Claims must be within 6 mos on Occasional Special Issue Causing Expires To Be Short	Orders  2022 2021 2020 2019 2018  Issues  Issues Per Year: 12  Volumesty'ear: 1  Volume 53  Volume start 0x40202  Must begin with: Current/Future Issue  Subject/Classification
No odd terms.  Cancellation Policy: This is a Non-Cancelable Title!  Claiming Policy: Claims must be within 6 mos  Additional Information		LC Code: AS30-Academies and Learned Societies (General) MARC Record C001399799 Number: Subject Category: Physical Sciences UDC: 50-Mathematics and Natural Sciences DDC: 505-Natural Sciences & Mathematics - Serial Publications Links Other EBSCO Information Index Service(s)
Publ Monthly With Occasional Special Issue Causir (Comes Alao With! Smithsonian National Associate: Alternative Format Online All		Missing Copy Bank Yolumatissue Information Other Information Library of Congress National Library of Medicine Title URL

#### Volume/Issue Detail: Smithsonian

Description	Volume	Issue	Issue Date	Dispatched by	Publisher
JUL (2022)	53	3			
JUN (2022)	53	2			
MAY (2022)	53	1 🕶			
APR (2022)	52	11			
MAR (2022)	52	10		03/16/2022	
JAN/FEB JAN (2022)	52	9		02/08/2022	
DEC (2021)	52	8		02/08/2022	
NOV (2021)	52	7		02/21/2022	
OCT (2021)	52	6		12/14/2021	

### Cataloger's experience

"At an overall level, Alma prediction pattern functionality helps to track, receive and claim serials more easily. Staff time is saved in serial management. With an additional enhancement of the functionality, the user's experience could get better. In the scenario of changing publishing patterns through the year, the process becomes obsolete and the predicted items turn false. If Alma could find a workaround to solve this problem, it could save a lot of time for catalogers."

### Overall experience

"As the prediction patterns are used to create serials in advance of their receive date, it has allowed me to check-in the items easily and more efficiently. The processing time is shortened and I can clearly track the items. Overall, my experience has been very pleasant.

Wanoun Yaqoob Library Assistant Art & Design Library Vcuarts Qatar



Do the advantages outweigh the disadvantages



