

From Backlog to Workflow:

Experimenting with AI -Assisted Cataloging for a Multilingual Legal Collection

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Head of Technical Services

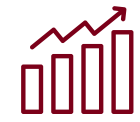
Indiana University Jerome Hall Law Library

March 2026





Introduction



Around 400 titles of government documents ;
Collected during 1960 -1990 from all of the world :
Europe, Asia, South America, Africa



National constitution, statutes, codes, executive orders,
regulations and some treatises etc .



English, Spanish, French, German, Italian, Portuguese,
Malay, Thai, Chinese etc .

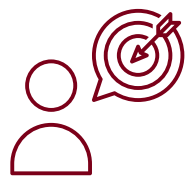


95% of them need original cataloging ; sitting on the
shelves for a couple of years

Project Goals and Cataloging Expectations



- Make the collection discoverable
- Explore AI-assisted cataloging workflow



- Capture essential bibliographic information
- Subject cataloging and authoritywork (when applicable)



AI-Integrated Cataloging Workflow

01



Organize the data

Students scan the cover, title page, and table of contents of each book, and record physical description data in Notion.

2025 April -May, Sept -Nov

Data Organization - Notion

International GovDoc Collection Catalog

Main Catalog MARC Records Image Gallery 4 more... New

Book ID	Title	Author(s)	Publicat
RB2025-001	Le conflit Daho-Nigérien devant le Par	République du Dahomey. Servi	[Cotonou, D
RB2025-002	La Constitution Belge Commentée	Robert Senelle	Ministere D
RB2025-003	Ley De Reforma Agraria: Decreto Ley No. 17716, s	Recopilación preparada por: So	Lima, Peru
RB2025-004	An Introduction to the Parks and Wild Life Act, 19	Natural Resources Board(NRB)	Zimbabwe N
RB2025-005	German Reich's Budget Law of December 31, 1992	Translated by M. Diehr, Edited b	Ministry of f
RB2025-006	Regulation Governing The Inspection Of Meat and	Indiana State Board of Health	Indiana Stat
RB2025-007	Collecção De Legislação Portuguesa Das Côrtes D	Portuguese Cortes of 1821-183	Lisboa (Lisb
RB2025-008	The Constitution of the Kingdom of Thailand, B.E.	Drafting Assembly	The Secreta
RB2025-009	Mexicano: Esta Es Tu Constitucion	Emilio O. Rabasa y Gloria Cabal	Camara De
RB2025-010	Codigo Agrario y Sus Reglamentos	Sen. Lic. Manuel Hinojosa Ortiz	Governmen
RB2025-011	Reglamentos, Instrucciones y Disposiciones Tecnic	Direccion General de Asuntos I	Secretaria d
RB2025-012	Income Tax Law of the Republic of Panama	Jorge Fabrega P.	Governmen
RB2025-013	Constitución de la República de Guatemala	Asamblea Nacional Constituyer	Tipografia N
RB2025-014	Prontuario de Legislacion Bancaria	Banco Nacional de Costa Rica	Banco Nacic
RB2025-015	Aperçu de la Législation du Travail en Belgique	Ministrere de L'Emploi et du Tra	Ministere de
RB2025-016	Resolucion 0110	Ministerio De Educacion Nacion	Colombia
RB2025-017	Estatuto Juridico de las Empresas Comunitarias	Instituto Colombiano de la Refe	Instituto Co
RB2025-018	Legislación Cooperativa	Asociación Colombiana de Coo	Bogotá: Asc
RB2025-019	Constituição do Brasil de 1967: Sumário de Trami	Biblioteca da Câmara dos Depu	Separata de
RB2025-020	Legislação Constitucional e Complementar (Suple	Senado Federal, Subsecretaria c	Brasília



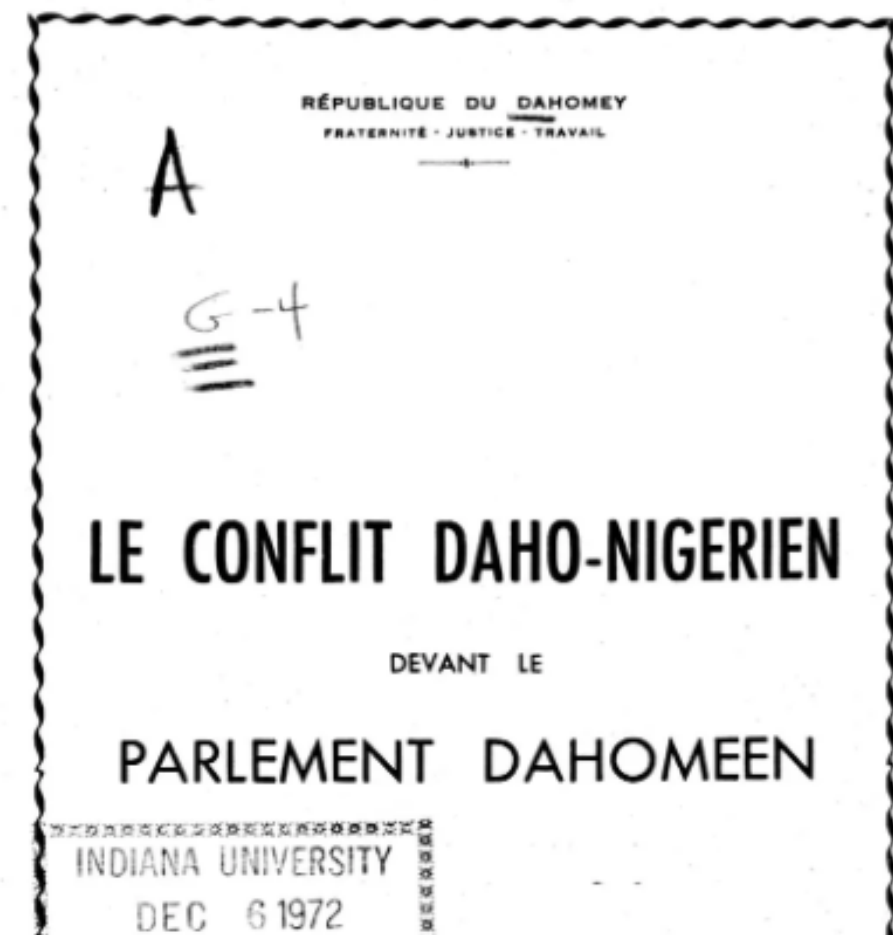
Le conflit Daho-Nigérien devant le Parlement Dahoméen

Page Count 95 Illustrations Black & White Measurements (c... 22cm Book ID RB2025-001

Comments

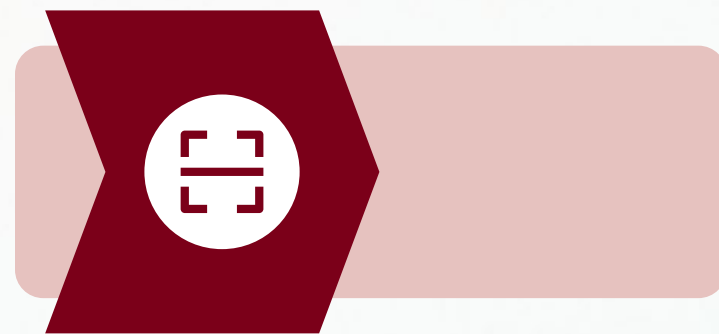
Add a comment...

GOVT PUBLS DEPT



AI-Integrated Cataloging Workflow

01



Organize the data

Students scan the cover, title page, and table of contents of each book, and record physical description data in Notion.

2025 April -May, Sept -Nov

02

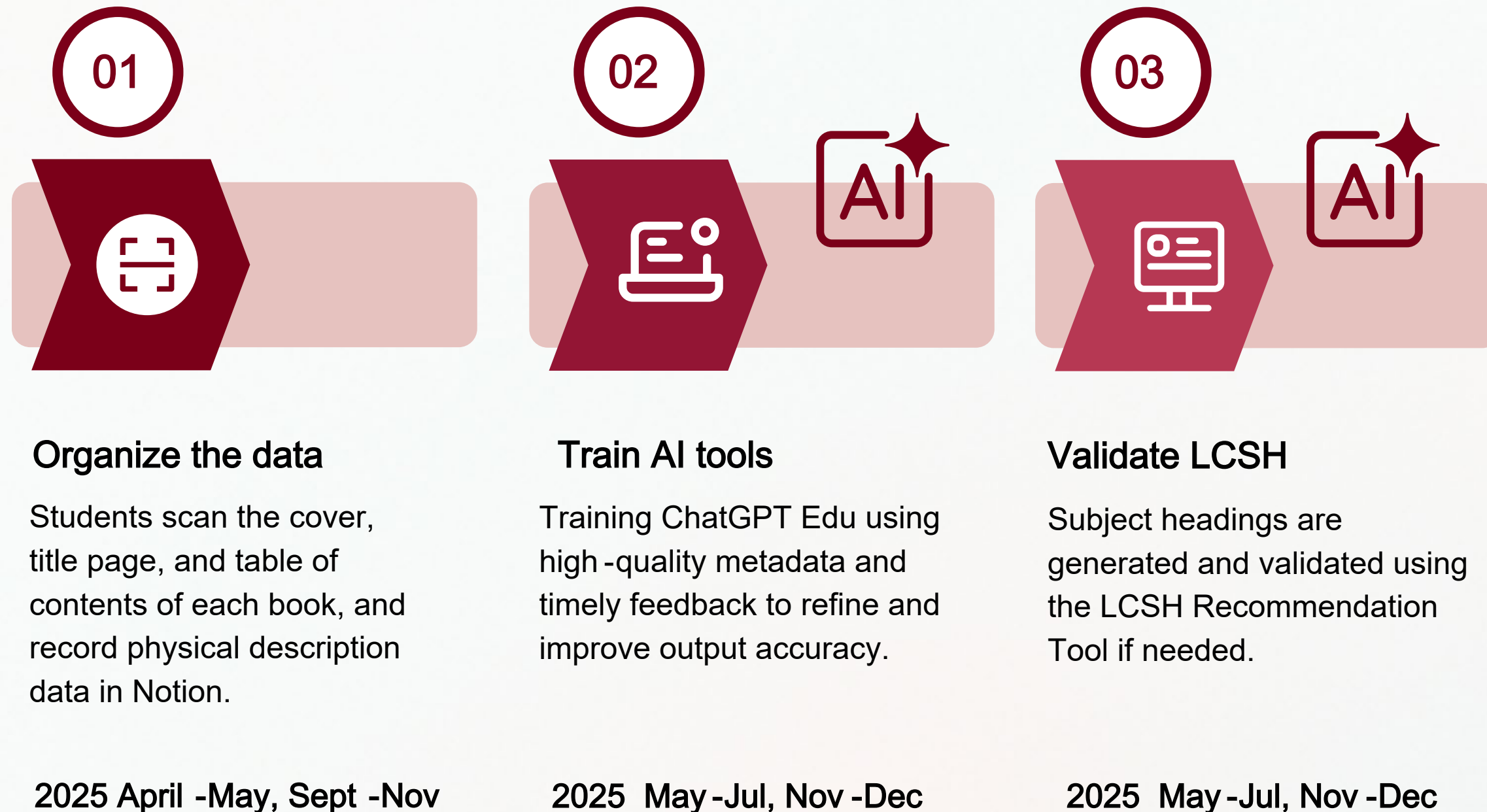


Train AI tools

Training ChatGPT Edu using high-quality metadata and timely feedback to refine and improve output accuracy.

2025 May-Jul, Nov -Dec

AI-Integrated Cataloging Workflow



Open Source

AI-Powered Library Cataloging

Generate accurate Library of Congress Subject Headings, validate against official authorities, and export standards-compliant MARC records — all powered by AI.

[Launch the App](#)

[Read the Tutorial](#)

Three Tools, One Ecosystem

Whether you prefer a full web app, a browser sidebar, or an AI assistant integration, there's an LCSH tool for your workflow.

Flagship

Cataloging Assistant

A Progressive Web App with a guided 3-step wizard. Enter bibliographic info, get AI-powered LCSH suggestions validated against the Library of Congress, and export MARC records. Works offline, supports multiple AI providers.

[Learn more →](#)

Chrome Extension

Get LCSH recommendations directly in your browser. Powered by Google Gemini, it validates suggestions against id.loc.gov in the background and generates MARC records — all without leaving your tab.

[Learn more →](#)

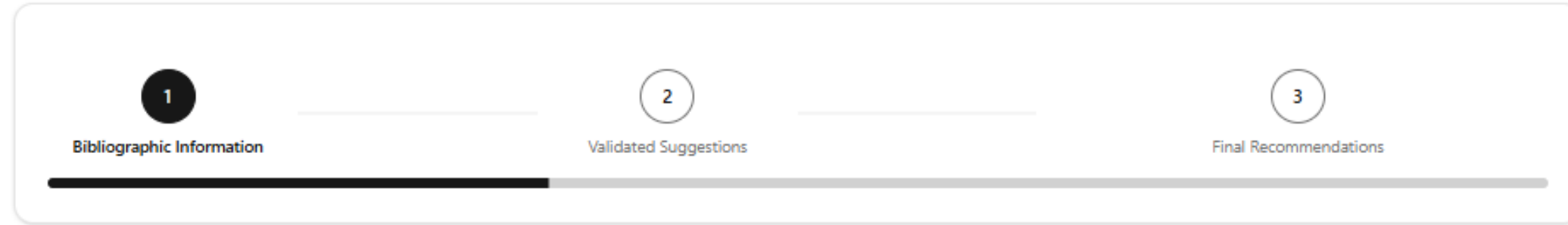
MCP Server

Give Claude and other AI assistants direct access to the Library of Congress authorities database. Search LCSH and LCNAF through the Model Context Protocol with three specialized tools.

[Learn more →](#)

Cataloging Assistant

Generate and validate Library of Congress Subject Headings using AI



Enter Bibliographic Information

Provide details about the work you want to catalog

Title *

Required (or upload an image)

Author

Abstract

Table of Contents

Additional Notes

Upload Images (PNG, JPEG)

You can upload images of book covers, title pages, or other bibliographic materials.

Constitution de la République rwandaise = \$bltegeko-nshinga rya Repubulika y'u Rwanda

3/2/2026, 11:51:45 AM

Export CSV

Copy All MARC

BIBLIOGRAPHIC INFORMATION

Title Constitution de la République rwandaise = \$bltegeko-nshinga rya Repubulika y'u Rwanda

Author N/A

Contents Constitution of the Republic of Rwanda promulgated in 1991, presented in parallel French and Kinyarwanda texts, establishing the constitutional framework of the state.

Notes Published in the Journal officiel de la République rwandaise, 30th year, special issue, 10 June 1991.

SUBJECT ANALYSIS

This work is the official text of the Constitution of the Republic of Rwanda, promulgated in 1991. It is presented in parallel French and Kinyarwanda texts. The primary subject is the constitution itself, its legal framework, and its role as a fundamental legal source for Rwanda. The geographic focus is Rwanda, and the chronological aspect is the year of promulgation, 1991.

RECOMMENDED TERMS (6)

Constitutions--Rwanda

LCSH 90%

Best Match: [Constitutions](#)

This heading directly represents the main subject of the work, which is the text of the Rwandan constitution.

650 _0 \$a Constitutions

Constitutional law--Rwanda

LCSH 95%

Best Match: [Constitutional law](#)

This heading covers the broader legal discipline and framework established by the constitution within Rwanda.

650 _0 \$a Constitutional law

Constitutional law--Rwanda--Sources

LCSH 95%

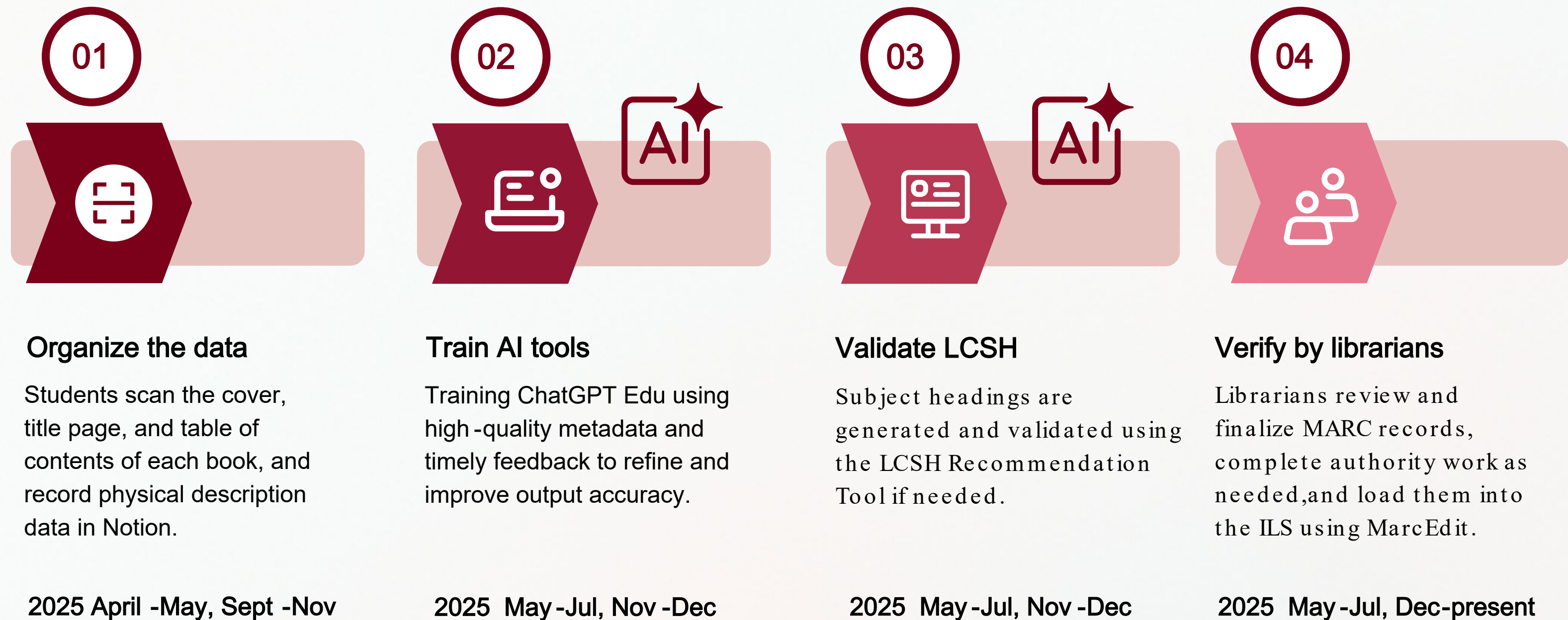
Best Match: [Constitutional law](#)

As the official text of the constitution, this work serves as a primary source for the study of constitutional law in Rwanda.

650 _0 \$a Constitutional law



AI-Integrated Cataloging Workflow



Display in IUCAT

Request This

O atual sistema de mercado da borracha no Brasil : lei no 5.227 de 18 de janeiro de 1967

Author: [Brazil. Superintendência da Borracha](#)

Title: O atual sistema de mercado da borracha no Brasil : lei no 5.227 de 18 de janeiro de 1967 / Superintendência da Borracha, Ministério da Indústria e do Comércio.

Format: Book

Published: [Brazil] : Superintendência da Borracha, Ministério da Indústria e do Comércio, [1971]

Language: Portuguese

Language Detail: Portuguese (text)

Description: 17 leaves ; 31 cm

Summary: Overview and legal interpretation of Law No. 5.227 (enacted January 18, 1967) regulating the rubber market in Brazil. Issued by the Brazilian Superintendency of Rubber, this publication explains the market framework, government roles, and industrial policy initiatives.

Subject headings: [Rubber industry and trade--Law and legislation--Brazil.](#)

Librarian View

Holdings

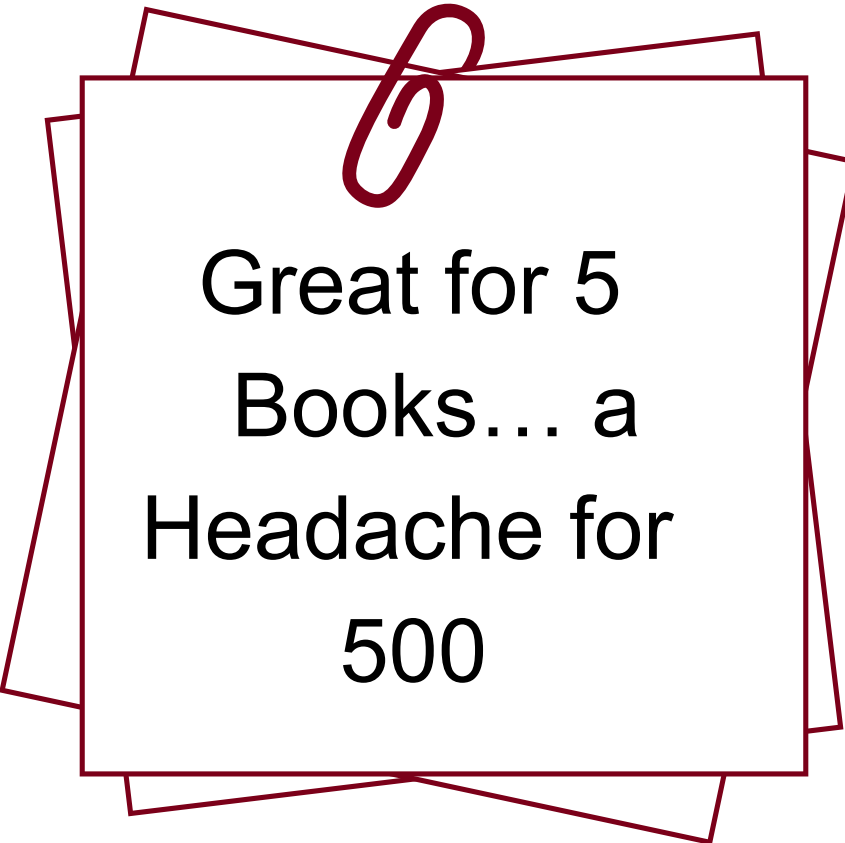
Library: [Blmgtn - Law Library](#)

Location: Cataloging Dept.


Floor: 1st Floor, Technical Services

Notes: Secured location -- To Use, Ask Staff

What worked well



Great for 5
Books... a
Headache for
500



It's Not All
MARC and
Magic





Challenges

- ▶ Time investment
- ▶ AI evolves fast
- ▶ Lack of system integration
- ▶ Ethical considerations and evolving guidelines

Final Thoughts

AI can generate MARC records...

..but librarians still have to fix them.

Worth exploring?



Thank you!

Feel free to reach out to me
if you have any questions.



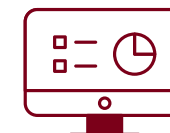
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