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# Breaking through the backlog:

Using AI to accelerate processing, preservation and accessibility of special collections & archives

## Meet your speaker



Syed Amaanullah

Senior Product Manager  
JSTOR | ITHAKA

Syed Amaanullah is a Senior Product Manager at ITHAKA. He currently leads ITHAKA's efforts to utilize AI in making special collections and archival processing more efficient for libraries and cultural institutions around the world. Along with this exciting new initiative, Syed has been instrumental in the development and strategy of ITHAKA's Infrastructure Services portfolio of products and services over the last several years, including the launch of Shared and Preserved Collections in 2023.

Prior to joining ITHAKA in 2020, Syed has served as a product leader at reputable organizations in the United States of America, including ProQuest, the University of Michigan and the Public Broadcasting Service (PBS).



We are a not-for-profit with a mission to improve access to knowledge and education for people around the world.



# Guiding principles



We use technology in ways that **uphold our values.**



**We proceed cautiously** and don't get ahead of our understanding.



**We empower people,** we do not replace them.



We collaborate and share knowledge with **the academic community.**

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# The digital collections stewardship landscape

# Digital collections workflow



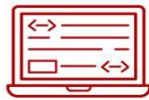
**Acquire**



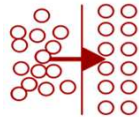
**Conserve**



**Digitize**



**Create  
metadata**



**Organize  
& catalog**



**Preserve**



**Enable access  
& discovery**



**Engage &  
promote**



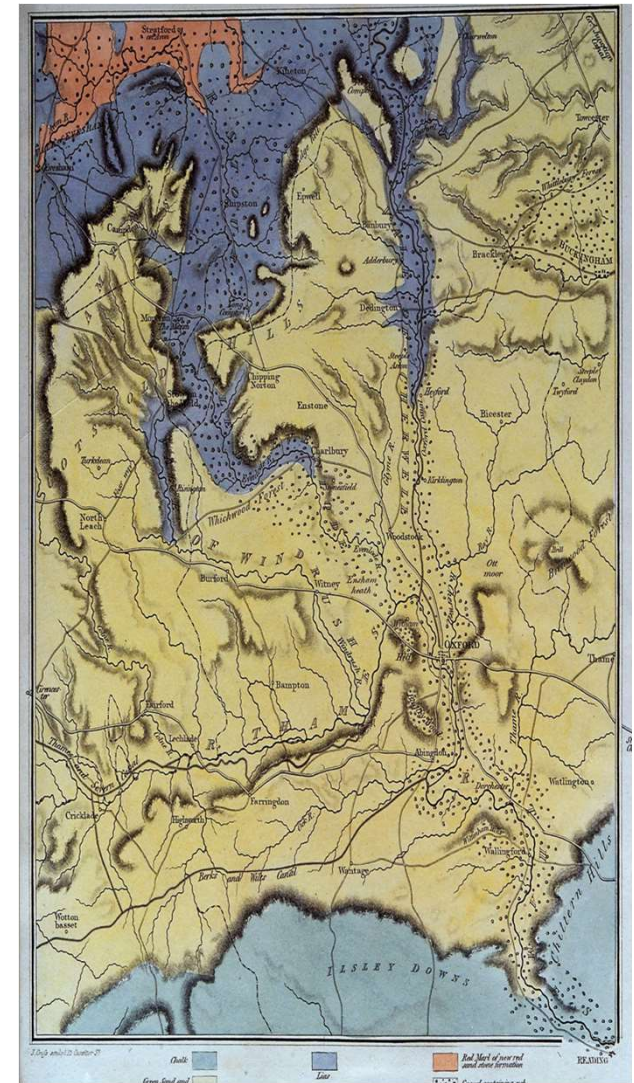
**Evaluate**




# The challenges

What we've heard:

- **Born-digital growth exceeds capacity:** rapid pace of acquisition surpasses libraries' ability to process and manage these collections
- **Unprocessed backlog of digital collections:** as much as 95% of collections remain unprocessed due to volume and resource constraints
- **Limited resources:** stewardship is a fundamental library responsibility competing with broader institutional priorities, leaving time-consuming, highly-technical workflows under-resourced
- **Fragmented solution landscape:** ecosystem of specialized systems and tools with costly commercial offerings and unstable open-source options lacking adequate support





Understand and  
describe with  
our collections  
processing tool



A transformative digital collections processing solution that leverages AI to significantly unlock contributor backlogs, accelerate the efficiency of processing workflows and amplify the expertise of archivists and special collections librarians.

## Create your Metadata

Upload your files, add context, and generate metadata fields for your uploaded materials.

⤴

Drag and drop files here, or

[Browse Files](#) ▾

Supports JPEG and PDF files

0 files added for upload

No files added yet

### NAME YOUR UPLOAD \*

Untitled Upload - October 8, 2024 at 10:07 PM EDT

### GIVE US CONTEXT TO HELP THE METADATA GENERATION PROCESS (OPTIONAL)

ex. "These are newspapers from the Daily Journal with photographs of the painter Georgia O'Keefe and were written by Sarah Goodman."

[Generate Metadata](#)

## Upload Files

 Keep this tab open while your files are uploading

**4 files processing...**

Preparing to upload files...

## Bristol Sample Upload - October 9, 2024 at 10:56 PM EDT

Settings ▾

Summary AI-Generated

This archival collection features a diverse array of photographs and handwritten letters that capture moments from daily life across various cultures and time periods. Highlights include images of agricultural practices, urban street scenes, and serene landscapes, alongside personal letters discussing everyday matters. The collection provides a rich visual and textual narrative, offering insights into the social, cultural, and economic activities of the 20th century, with a focus on both rural and urban settings. Each item, ranging from photographs of street vendors to letters from London, contributes to a broader understanding of historical contexts and personal experiences.

# of items uploaded  
14

# of items generated  
14

# of metadata records generated  
142

[Show less](#)

### Upload Report

DOCUMENT	CONFIDENCE	TITLE	CREATOR	VOLUME	ISSUE	DATE	LANGUAGE	DESCRIPTION	SUBJECT	TY	
DM3195-1-24-9-001.jpg	0.56	Man Watering Field in Rural Landscape	Unknown			ca. 20th century		The photograph captures a man carrying two watering cans as he walks across a field. The scene is framed by tree branches and leaves, giving a sense of depth and natural enclosure. The background reveals a rural landscape with trees and possibly cultivated land. The man appears to be engaged in agricultural work, suggesting a setting in a farming community. The image is part of a collection from the University of Bristol archives, providing a glimpse into rural life.		Ph	
			Confidence: 0.48	Confidence: 1.00	Confidence: N/A	Confidence: N/A	Confidence: 0.83	Confidence: 0.00	Confidence: 0.56	Confidence: 0.00	Cc
DM3195-1-24-2-001.jpg	0.57	Street Vendors Preparing Food	Unknown			1970s		This photograph depicts two women seated on the ground, preparing food at a street-side location. They are surrounded by large bowls filled with shredded vegetables, likely for sale. A child can be seen standing nearby, adding to the bustling street scene. The setting suggests a market or busy street in an urban area, with various items and people visible in the background. The image captures a moment of daily life and commerce.		Ph	
			Confidence: 0.78	Confidence: 1.00	Confidence: N/A	Confidence: N/A	Confidence: 0.51	Confidence: 0.00	Confidence: 0.51	Confidence: 0.00	Cc
letter.jpg	0.70	Letter from 22 Launceston Place, London	Unknown			Unknown	English	A handwritten letter addressed to a 'Miss Roy' from 22 Launceston Place, London W8 5RL. The letter discusses concerns regarding manuscripts and mentions a museum. The writer asks for advice on how to proceed with certain matters.		Le	

# The James M. Lawson Collection: Civil Rights, Nonviolence, and Community Engagement

Settings ▾

## Summary AI-Generated

The James M. Lawson Collection is a rich archival resource that documents the life and work of Reverend James M. Lawson, a prominent civil rights leader and advocate for nonviolence. This collection includes a diverse array of materials such as speeches, sermons, correspondence, photographs, and event programs that reflect Lawson's commitment to social justice, community empowerment, and the principles of nonviolent resistance. Spanning several decades, the collection captures significant moments in American history, particularly during the civil rights movement, and highlights Lawson's influential role in various initiatives and organizations.

[Show less](#)

Files uploaded	# of items created	# of metadata fields created
	8	80

## Upload Details

### ▼ User Input

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Donec ut ullamcorper augue. Sed dapibus, metus ac vestibulum elementum, tellus eros pulvinar lorem, egestas mattis felis ex sit amet tortor. In feugiat tellus non augue suscipit feugiat nec in neque. Mauris at nisl ut velit fringilla tristique. Donec sed odio ipsum. Morbi porta urna sed purus bibendum, ut cursus elit porta. Integer et risus eget turpis euismod mollis eu vel mi. Nulla facilisi. Nunc in diam sed risus placerat malesuada. Aliquam vestibulum dictum lectus. Aliquam id porta est. Morbi odio odio, faucibus at velit vitae, commodo pretium turpis.

Sed placerat nunc velit. Sed rhoncus id magna eget sodales. Aenean lacinia lobortis dui in tincidunt. Duis in mattis lectus. Mauris vel enim id mauris varius ultricies vel quis libero. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Vestibulum rutrum condimentum mi et placerat. Proin nec pellentesque nisi, ullamcorper dictum elit. Sed accumsan, nibh id laoreet porttitor, justo lectus efficitur tortor, sed scelerisque libero purus vitae augue. Sed eu bibendum mi. Phasellus non fermentum diam. Morbi vitae tristique nunc, ac blandit ligula. Aenean imperdiet felis non augue pharetra maximus. Quisque ut magna sit amet leo ultricies elementum. Mauris non ligula nec ligula elementum vehicula molestie sed odio. Aenean luctus velit nibh, vel maximus arcu condimentum in.

### ▼ More Details

Metadata Schemas Created:  
Dublin Core (15 Fields)

Metadata:

Your Uploads / Untitled Upload - Thurs Jan 20th, 2023 4:50 PM

## Untitled Upload - Thurs Jan 20th, 2023 4:50 PM

Settings ▾

Summary AI-Generated

The James M. Lawson Collection is a rich archival resource that documents the life and work of Reverend James M. Lawson, a prominent civil rights leader and advocate for nonviolence. This collection includes a diverse array of materials such as speeches, sermons, correspondence...

[Show more](#)

# of files uploaded	# of items created	# of metadata fields created
80	8	80

Generated Metadata Upload Details

Confidence ▾ Type ▾ Language ▾

[Download CSV](#)

<input type="checkbox"/>	THUMBNAIL	ITEM	TITLE	CREATOR	VOLUME	ISSUE	DATE	LANGUAGE	DESCRIPTION	SUBJECT
<input type="checkbox"/>		1991-06-12 Letter to Barbara Lorman	Letter to Senator Barbara Lorman	Thomas Fick	-	-	1964-1968	English	A collection of newspaper clippings and articles discussing the establishment and location of new University of Wisconsin centers and college sites in the years 1964 to 1968.	University of Wisconsin College site discussion Higher education, Rock County, Racial issues
			Confidence: 0.84	Confidence: 0.84	Confidence: N/A	Confidence: N/A	Confidence: 0.84	Confidence: 0.84	Confidence: 0.84	Confidence: 0.84
<input type="checkbox"/>		1991-06-12 Letter to Barbara Lorman	Letter to Senator Barbara Lorman	Thomas Fick	-	-	1964-1968	English	A collection of newspaper clippings and articles discussing the establishment and location of new University of Wisconsin centers and college sites in the years 1964 to 1968.	University of Wisconsin College site discussion Higher education, Rock County, Racial issues
			Confidence: 0.84	Confidence: 0.84	Confidence: N/A	Confidence: N/A	Confidence: 0.84	Confidence: 0.84	Confidence: 0.84	Confidence: 0.84
<input type="checkbox"/>		1991-06-12 Letter to Barbara Lorman	Letter to Senator Barbara Lorman	Thomas Fick	-	-	1964-1968	English	A collection of newspaper clippings and articles discussing the establishment and location of new University of Wisconsin centers and college sites in the years 1964 to 1968.	University of Wisconsin College site discussion Higher education, Rock County, Racial issues
			Confidence: 0.84	Confidence: 0.84	Confidence: N/A	Confidence: N/A	Confidence: 0.84	Confidence: 0.84	Confidence: 0.84	Confidence: 0.84
<input type="checkbox"/>		1991-06-12 Letter to Barbara Lorman	Letter to Senator Barbara Lorman	Thomas Fick	-	-	1964-1968	English	A collection of newspaper clippings and articles	University of Wisconsin College site discussion
			Confidence: 0.84	Confidence: 0.84	Confidence: N/A	Confidence: N/A	Confidence: 0.84	Confidence: 0.84	Confidence: 0.84	Confidence: 0.84

## Untitled Upload - Thurs Jan 20th, 2023 4:50 PM

Settings ▾

Summary AI-Generated

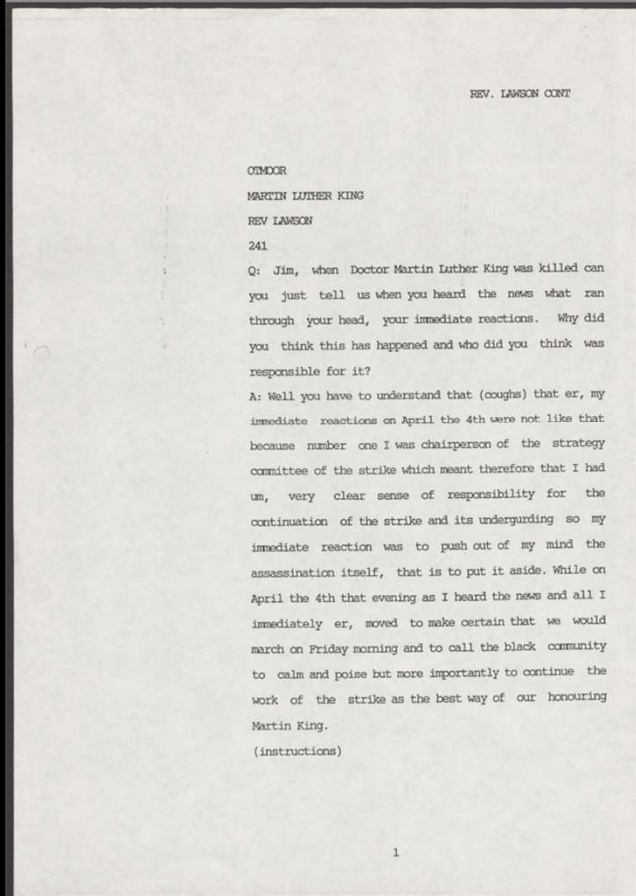
The James M. Lawson Collection is a rich archival resource that documents the life and work of Reverend James M. Lawson, a prominent civil rights leader and advocate for nonviolence. This collection includes a diverse array of materials such as speeches, sermons, correspondence...

[Show more](#)

# of files uploaded	# of items created	# of metadata fields created
80	8	80

Generated Metadata Upload Details

THUMBNAIL	ITEM	TITLE	CREATOR	VOLUME	ISSUE	DATE	LANGUAGE	DESCRIPTION	SUBJECT	
<input type="checkbox"/>		1991-06-12 Letter to Barbara Lorman	Letter to Senator Barbara Lorman	Thomas Fick	-	-	1964-1968	English	A collection of newspaper clippings and articles discussing the establishment and location of new University of Wisconsin centers and college sites in the years 1964 to 1968.	University of Wisconsin College site discussion, Higher education, Rock County, Racial issues
			Confidence: 0.84	Confidence: 0.84	Confidence: N/A	Confidence: N/A	Confidence: 0.84	Confidence: 0.84	Confidence: 0.84	
<input type="checkbox"/>		Lorman						discussing the establishment and location of new University of Wisconsin centers and college sites in the years 1964 to 1968.	Higher education, Rock County, Racial issues	
			Confidence: 0.84	Confidence: 0.84	Confidence: N/A	Confidence: N/A	Confidence: 0.84	Confidence: 0.84	Confidence: 0.84	
<input type="checkbox"/>		1991-06-12 Letter to Barbara Lorman	Letter to Senator Barbara Lorman	Thomas Fick	-	-	1964-1968	English	A collection of newspaper clippings and articles discussing the establishment and location of new University of Wisconsin centers and college sites in the years 1964 to 1968.	University of Wisconsin College site discussion, Higher education, Rock County, Racial issues
			Confidence: 0.84	Confidence: 0.84	Confidence: N/A	Confidence: N/A	Confidence: 0.84	Confidence: 0.84	Confidence: 0.84	
<input type="checkbox"/>		1991-06-12 Letter to Barbara	Letter to Senator Barbara Lorman	Thomas Fick	-	-	1964-1968	English	A collection of newspaper clippings and articles	University of Wisconsin College site discussion
			Confidence: 0.84	Confidence: 0.84	Confidence: N/A	Confidence: N/A	Confidence: 0.84	Confidence: 0.84	Confidence: 0.84	



> Exit without saving Save and exit

DOCUMENT

1968reMLK.pdf

CONFIDENCE

N/A

TAGS

AI-Generated Edited Reviewed

CHANGE LOG

Edited by Jane Doe on Sept 9th, 2024  
Generated by AI on Sept 9th, 2024

Metadata fields

TITLE

1968 re: MLK assassination (2 versions)

Confidence: 1.00

CREATOR

Vanderbilt University

Confidence: 1.00

VOLUME

-

Confidence: N/A

ISSUE

-

Confidence: N/A

DATE

1968

Edited

LANGUAGE

English

Confidence: 0.8

DESCRIPTION

This document contains two versions of a discussion about the assassination of Martin Luther King Jr. in 1968.



## Untitled Upload - Thurs Jan 20th, 2023 4:50 PM

Summary AI-Generated

The James M. Lawson Collection is a rich archival resource that documents the life and work of Reverend James M. Lawson, a prominent civil rights leader and advocate for nonviolence. This collection includes a diverse array of materials such as speeches, sermons, correspondence...

[Show more](#)

Generated Metadata Upload Details

2 items selected Edit multiple Mark as reviewed

<input type="checkbox"/>	THUMBNAIL	ITEM	TITLE	CREATOR	VOLUME
<input checked="" type="checkbox"/>		1991-06-12 Letter to Barbara Lorman	Letter to Senator Barbara Lorman	Thomas Fick	-
			Confidence: 0.84	Confidence: 0.84	Confidence: N/A
<input checked="" type="checkbox"/>		1991-06-12 Letter to Barbara Lorman	Letter to Senator Barbara Lorman	Thomas Fick	-
			Confidence: 0.84	Confidence: 0.84	Confidence: N/A
<input type="checkbox"/>		1991-06-12 Letter to Barbara Lorman	Letter to Senator Barbara Lorman	Thomas Fick	-



Editing 2 items Replace fields

### Replace fields

Replace the values of existing fields. You can also delete all existing values by inputting (Delete).

Example: "Creator: James Brown" → "Creator: Marilyn Freer"

#### Metadata fields

FIELD	VALUE
Title	<input type="text" value="Enter your values here"/>

FIELD	VALUE
Creator	<input type="text" value="Enter your values here"/>

FIELD	VALUE
Date	<input type="text" value="Enter your values here"/>

FIELD	VALUE
Subject	<input type="text" value="Enter your values here"/>

+ Add a field + Add all Reset all values

## Collection Overview

- **Title of the collection:** The James M. Lawson Collection: Civil Rights, Nonviolence, and Community Engagement
- **Date(s) of the collection:** 1945 - 2009
- **Extent of the collection:** Approximately 300 items, including documents, photographs, programs, and correspondence.
- **Abstract:** This collection encompasses a diverse array of materials related to the life and work of Reverend James M. Lawson, Jr., a prominent civil rights leader and advocate for nonviolence. It includes sermons, correspondence, event programs, and newspaper clippings that document Lawson's contributions to the civil rights movement, his theological reflections, and his involvement in various community initiatives.
- **Creator(s) of the collection:** Reverend James M. Lawson, Jr. and various contributors.
- **Language(s) of the materials:** English.

## Biographical/Historical Note

Reverend James M. Lawson, Jr. is a key figure in the American civil rights movement, known for his commitment to nonviolent protest and social justice. He played a significant role in the Nashville sit-ins and was a close associate of Dr. Martin Luther King Jr. Lawson's work extends beyond civil rights to include education, community organizing, and religious leadership, particularly within the United Methodist Church.

## Scope and Content Note

The collection includes:

- **Sermons and Religious Texts:** Reflecting Lawson's theological perspectives and his advocacy for social justice.
- **Correspondence:** Letters to and from Lawson, detailing his engagements with various organizations and individuals in the civil rights movement.
- **Event Programs:** Materials from significant events, including memorial services, church services, and community gatherings.
- **Photographs:** Documenting Lawson's participation in civil rights activities and community events.
- **Newspaper Clippings:** Articles covering civil rights issues, community events, and Lawson's contributions.

## Arrangement

The collection is organized into series based on document type:

1. Sermons and Religious Texts
2. Correspondence
3. Event Programs
4. Photographs
5. Newspaper Clippings

## Detailed Description

- **Series 1: Sermons and Religious Texts**
  - *Sermon on Methodism and Christian Discipline* (1966)
  - *Following Jesus Today* (1998)
  - *The Vital Link for Re-Birth* (1975)
- **Series 2: Correspondence**
  - *Letter from Peter A. Kuryla to Reverend James M. Lawson, Jr.* (2002)

- *Invitation to Dr. James M. Lawson, Jr. for Ministers' Week* 1983 (1981)
- *Correspondence regarding the Ecumenical Institute Course* (1973)

- **Series 3: Event Programs**

- *Holman United Methodist Church Christmas Program* (1994)
- *Martin Luther King Jr. Interfaith Prayer Breakfast Program* (1997)
- *Freedom Sings Program* (2004)

- **Series 4: Photographs**

- *Photographs and Documents from the Civil Rights Era* (1960s)
- *Group Gathering at Temeku Clubhouse Honoring Dr. Jim Lawson* (2007)

- **Series 5: Newspaper Clippings**

- *Collection of Newspaper Clippings on Segregation and Civil Rights* (1962)
- *Press Release: Lawyers Guild Clinic Targets Police Abuse* (1993)

This collection serves as a vital resource for understanding the intersection of faith, activism, and community engagement in the context of the civil rights movement and beyond.

## Download Materials



Download all materials (.zip)

Package will include item-level metadata (.csv), item tags and changelogs (.csv), upload-level summary (.txt), and collection guides (.txt).

Download selected materials (.zip)


Item-Level Metadata (.csv)

Item Tags and Change Logs (.csv)

Upload-level Summary (.txt)

Collection Guide (.txt)

Back

 Download



Thomas - how are you? I am living & working in Barbados where I have been for the last 4 1/2 months. It's very exciting - very up to the minute punk rock scene with rapings, bootlegs, moggings etc.

March 4-11, 1977

They arrive devotedly helmeted, knees padded and out taken lightly at the Barri- strict time periods the game are, as one member says, "brightened, apparent- the wrong end of a mallet, and polo is no sleek as a graceful motion on a roset of fans turned out. British, polo was original - they were the only ones more polo players per ca- in England," points out from her saddle. y much a class sport. Ex- island's entry over the man's game. Of the 30 b, only six are women, and Margaret Leacock, rson, are now playing on the while all three women Barbados Polo Team - m- out. emphasizes Leacock, and strong in the arena, men are that strong." in the distant group, in a scale ranging upward out in the world to ac- se up. It used to be a



Margaret Leacock, Angila Melville and Grainne Kearns prepare for a chucker.

**Grainne Kearns:**  
**'There are more polo players per capita in Barbados than there are in England.'**

is about to begin. The late-afternoon sun throws long shad- ous as the teams assemble. A timekeeper, stopwatch in hand, signals the start. Mallets whir at what seems like inches from players' heads. The ponies gleam with sweat. Occasionally, a rider sideswipes another's mount, del- iberately crashing, in what seems to be, to the uninitiated, a clear death wish. Not so, assures Kearns, explaining that this is an im- portant maneuver called "trading off." The object is to knock your opponent off the trail of the ball - and, often, off his seat. The chucker is over, one of a typical 10 played in the course of an afternoon. Leacock and Melville trot over, look- ing winded, but exhilarated. They cut trim figures in white breeches, T-shirts and brown chukka boots. Both sport black crash helmets with face guards. These are de rigueur because, as Leacock puts it, "if you run into somebody's backhand, you might just get somebody's mallet in your face." Also de rigueur for polo is not just one pony, but a mil- lion of two, she adds. Because the game is so hard on horses, "it's unfair to ask a pony to play more than two chuckers per afternoon." A good polo pony costs about \$5,000. As they head for the clubhouse where drinks are being served, all three agree polo is worth it, whatever the cost in money and manure. Aside from its social importance, says Leacock, "it's aggressive - but it's lots of fun."

thought you might like to see this picture of our old friend Maggie, Grainsie & Boofy, lots of love Felixxxx

<b>Creator</b>	Unknown Confidence: 0.99
<b>Title</b>	Barbados Polo Article with Annotations Confidence: 0.56
<b>Date</b>	1977-03-11 Confidence: 0.98
<b>Type</b>	Newspaper Article Confidence: 0.57
<b>Description</b>	A newspaper article from March 11, 1977, discussing the popularity of polo in Barbados compared to England. The article is titled 'Grainne Kearns: There are more polo players per capita in Barbados than there are in England.' It includes photographs of polo players and is annotated with handwritten notes addressed to 'Thomas' from 'Fel.' The notes express personal sentiments and mention a shared interest in polo. Confidence: 0.67
<b>Coverage</b>	style: Journalistic, culture: British, period: 1970s, location: Barbados Confidence: 0.94
<b>Publisher</b>	Unknown Confidence: 0.90
<b>Language</b>	English Confidence: 1.00



<b>Creator</b>	Unknown Confidence: 1.00
<b>Title</b>	Fish Drying Process in Urban Setting Confidence: 0.72
<b>Date</b>	ca. 1970s Confidence: 0.76
<b>Type</b>	Photograph Confidence: 0.98
<b>Description</b>	The image depicts a scene of fish drying in an urban area, likely in an Asian city during the 1970s. A person is seen tending to rows of fish laid out on wooden racks under the sun. In the background, there are residential buildings, suggesting a blend of traditional and modern practices. The setting includes hanging fish and an outdoor setup typical of small-scale fish processing. The presence of a gas cylinder suggests some level of modernization in the process. Confidence: 0.50
<b>Coverage</b>	style: Documentary, culture: Asian, period: 20th century, location: Asia Confidence: 0.92
<b>Publisher</b>	
<b>Language</b>	



Meadow Lodge  
55 Meadow Rd.  
SW8

22 February 1976.

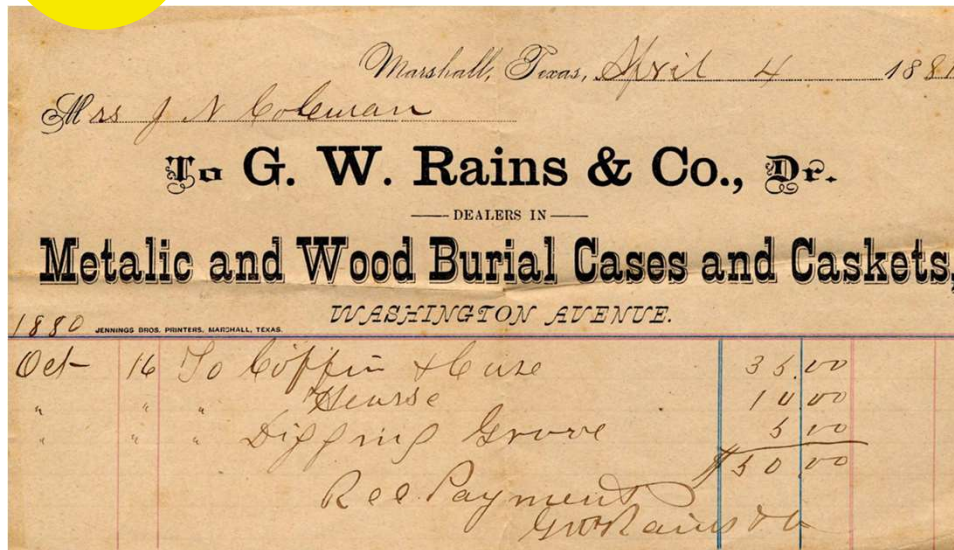
Dearest Oliver,

delighted to have your letter this evening - and I hasten to send you the pic - I found some other, not very good colour pictures in an old Covent Garden Programme which I have cut out and included (to save weight) - Wonderful news about Garden - I thought it was happy after talking to Freddie and Billy Chopped on New Year's eve. - Don't be silly - of course you can do a New one - as you suggest - that is if your health stands up - but after the N.Y. one is over - you will find you are "IN TRAINING" Surely the last act is not insurmountable - Pivotal managed more than one airy palace - so you can too - I love the idea of it starting in the 18th cent and ending in the early 19th. - With love. - and be beautiful in your hands. - the production they

Creator	Unknown Confidence: 1.00
Title	Letter from Meadow Lodge Confidence: 0.75
Date	1976-02-22 Confidence: 1.00
Type	Letter Confidence: 0.80
Description	This handwritten letter, dated February 22, 1976, is addressed to 'Oliver' from a sender at Meadow Lodge, 55 Meadow Rd., SW8. The letter expresses delight in receiving a previous letter and mentions sending a picture. It discusses various personal and social topics, including plans for New Year's Eve and thoughts on a production in Greece. The letter is written on paper with ink and shows signs of personal correspondence typical of the mid-1970s. Confidence: 0.56
Coverage	style: Personal Correspondence, culture: British, period: 1970s, location: London, England Confidence: 0.89
Publisher	Unknown Confidence:
Language	English Confidence: 1.00



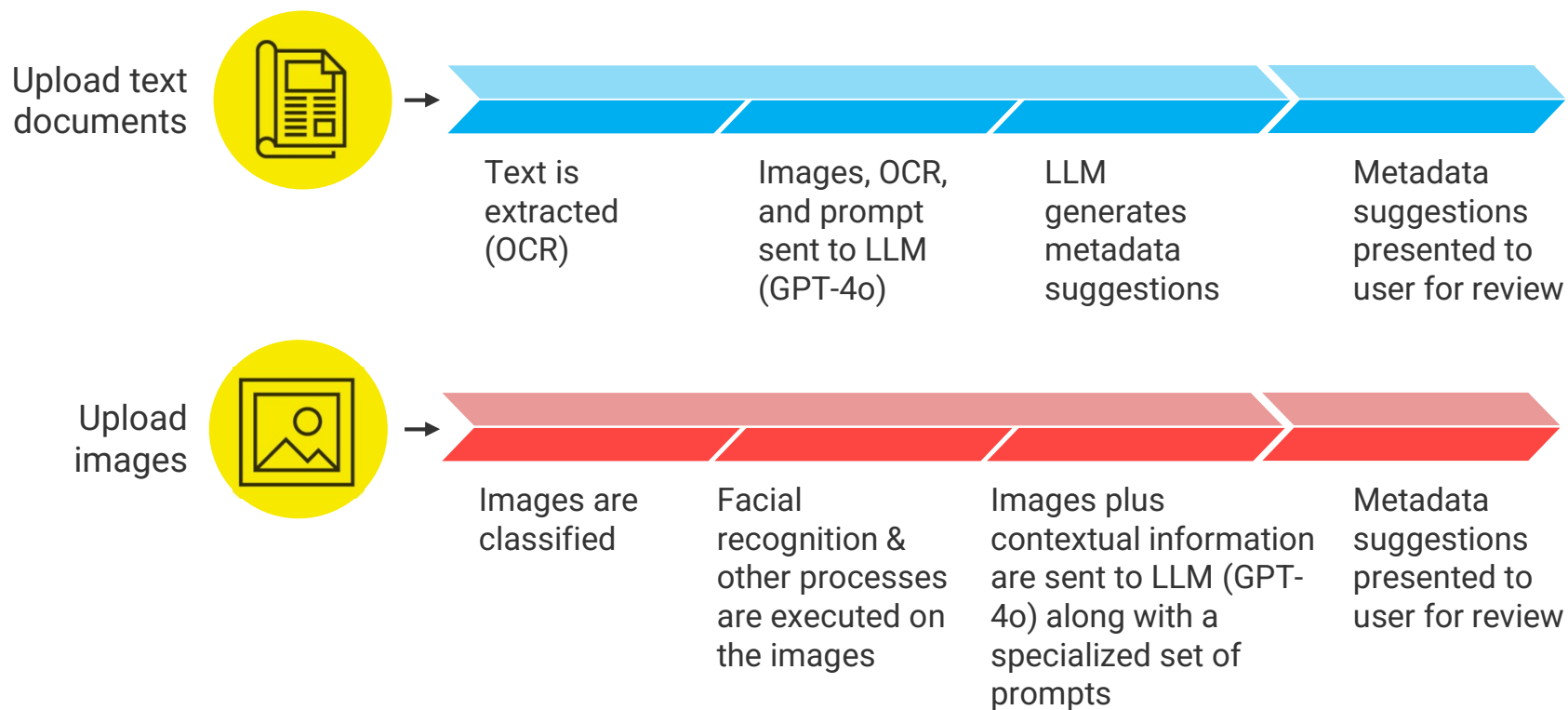
<b>Creator</b>	Unknown Confidence: 1.00
<b>Title</b>	Taiwan Blue Magpie in Grass Confidence: 0.68
<b>Date</b>	Unknown Confidence: 0.76
<b>Type</b>	Photograph Confidence: 0.89
<b>Format</b>	medium: Digital Image, technique: Photography, material: N/A, measurements: N/A
<b>Description</b>	The image shows a Taiwan Blue Magpie, a striking bird with a long tail, vibrant blue plumage, and a black head. It has a red beak and legs, and is standing on a grassy field. The bird's tail feathers are long and elegantly curved. Confidence: 0.62
<b>Coverage</b>	style: Naturalistic, culture: Taiwanese, period: Contemporary, location: Taiwan Confidence: 0.97
<b>Subject</b>	Taiwan Blue Magpie, Bird, Nature, Wildlife, Grassland Confidence: 0.85



<b>Creator</b>	G. W. Rains & Co. Confidence: 1.00
<b>Title</b>	Invoice from G. W. Rains & Co. for Burial Services Confidence: 0.91
<b>Date</b>	04-04-1881 Confidence: 1.00
<b>Type</b>	Invoice Confidence: 0.97
<b>Description</b>	This document is an invoice from G. W. Rains & Co., a company dealing in metal and wood burial cases and caskets, located on Washington Avenue, Marshall, Texas. The invoice is addressed to Mrs. J. N. Coleman and dated April 4, 1881. It lists services provided on October 16, 1880, including a coffin, hearse, and grave digging, with a total amount due of \$50.00. The invoice is printed by Jennings Bros. Printers, Marshall, Texas, and includes handwritten entries detailing the services and costs. Confidence: 0.81
<b>Coverage</b>	style: Business Document, culture: American, period: Late 19th Century, location: Marshall, Texas, USA Confidence: 0.90
<b>Language</b>	English Confidence: 1.00



## How does it work?



# Time saving

**~1 hour of work**

Currently an archivist or librarian takes ~10 min per doc to create metadata

5 docs at  
10 min each



**Now takes ~20 secs**

**99.4% faster**

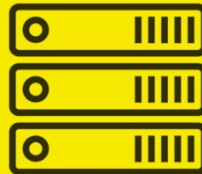
With our current tool  
(which is getting faster!)

## Potential to fundamentally change collections processing

### **250 hours of work**

Currently an archivist  
or librarian takes ~10 min  
per doc create metadata

1500 docs  
on hard drive



**Now takes ~3 hrs**

**98.8% faster**

With our current tool (which  
is getting faster!)

“We are very excited about the direction of (this project). This tool provides titles, descriptions, and keywords—things we used to create ourselves. So, this is a great start.”

- Special Collections Librarian



⓪ Questions?