# Educational Case Studies of Applications of AI to Archives and Records Management - Index[[1]](#footnote-1)

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The following index points to a series of educational case studies that we wrote and compiled to be publicly shared and used as educational material in the teaching and learning of Artificial Intelligence for archivists and records managers. These case studies are made freely available from the InterPARES Trust AI website. We invite educators, scholars, trainees, and archival professionals to include them as motivators, illustrations/vignettes, or activities in their classroom or professional development. Each of these case studies has a Creative Commons Attribution-NonCommercial-ShareAlike 4.0 International BY-NC-SA 4.0 license, which requires that reusers give credit to the creator. It allows reusers to distribute, remix, adapt, and build upon the material in any medium or format, for non-commercial purposes only. If others modify or adapt the material, they must license the modified material under identical terms.[[4]](#footnote-4)

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| Title of Case Study | Educational Topics (Body of Knowledge)[[5]](#footnote-5) | Filename |
| The Cybernetics Thought Collective’s experiments with AI tools to determine  community provenance and create archival metadata. | Natural Language Processing (NLP) in archives, AI/ML for arrangement and  description, reliability and accuracy of AI-created metadata, visualizing and datafying data2. | Anderson Case Study.pdf |
| Developing AI search and retrieval tools to improve archival access using the  AvocadoIT email collection. | AI for born-digital records, Natural Language Processing (NLP) in archives,  HCI and HII with AI tools in archives, AI for access in archives, AI tool development in archives. | Decker Case Study.pdf |
| Using AI in the retention and disposition of records at the New South Wales State  Archives. | AI for retention and disposition, records as data for AI, evaluating and  adjusting AI/ML models for archives, collaborative management of AI projects, digital literacy  for AI in archives. | Humphries Case Study.pdf |
| State-industry collaboration in the State Archives of Hawai’i to design and  implement an AI technology for indexing and describing video records. | AI for non-textual records (video), types of AI/ML for video-archives, AI for  access and archival reference, management and collaboration in AI projects for archives. | Jansen Case Study.pdf |
| The National Library of New Zealand’s experiments with ePADD using the Ian  Wedde Email Archives. | AI for born-digital records, evaluating AI/ML models for archives, privacy  concerns using AI, AI for description and access. | Moran Case Study.pdf |
| Testing Computational Archival Science frameworks using AI tools in analyzing the  Spelman College Archives photograph collection. | AI for non-textual records (photographs), types of AI/ML for photographs,  biases in AI/ML algorithms, AI for archival description and access2. | Proctor Case Study.pdf |
| Artificial Intelligence in the UNESCO Audio Archives. | AI for non-textual records (audio), types of AI/ML for audio-archives,  diplomatics for AI, critical AI/ML for archives, evaluations of ML models used for archival tasks. | Sullivan-Sengsavang Case Study.pdf |
| The Endangered Archives Programme’s use of AI tools in evaluating Jacques  Toussele’s Cameroonian photography archives. | AI for non-textual records (photographs), types of AI/ML for photographs, AI  for collection management and access, collaboration in archival AI projects. | Zeitlyn Interview Case Study.pdf |

1. These educational case studies are outcomes of InterPARES Trust AI, an international research partnership led by Drs. Luciana Duranti and Muhammad Abdul-Mageed, University of British Columbia, and funded by the Social Sciences and Humanities Research Council of Canada (SSHRC). <https://interparestrustai.org/> [↑](#footnote-ref-1)
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4. <https://creativecommons.org/licenses/by-nc-sa/4.0/> [↑](#footnote-ref-4)
5. Educational applications map to a Body of Knowledge proposed by InterPARES researchers for AI/ML for the archival professionals. <https://docs.google.com/document/d/1UsjkkkGeSJrgCDJGASCAy5q0uo_ZkQpzi_Ch8XUcqYw/edit?usp=sharing> [↑](#footnote-ref-5)