



AI in Archival Holdings and Digital History

Interrelational, Dialogical and Cooperative Interdisciplinary Partnerships

Pepita Raventós
Archivist
pepita.raventos@udl.cat

Celio Hernández
Researcher
celio.hernandez@udl.cat

Meritxell Simón
Ramón y Cajal Fellow
meritxell.simon@udl.cat

Glòria Jové
Lecturer
gloria.jove@udl.cat

Josep Ballber
PhD candidate in Engineering & IT
josep.ballber@udl.cat



Archival Principles

ARCHIVE

eArchiving

RECORDS IN CONTEXTS



DIGITALIZATION

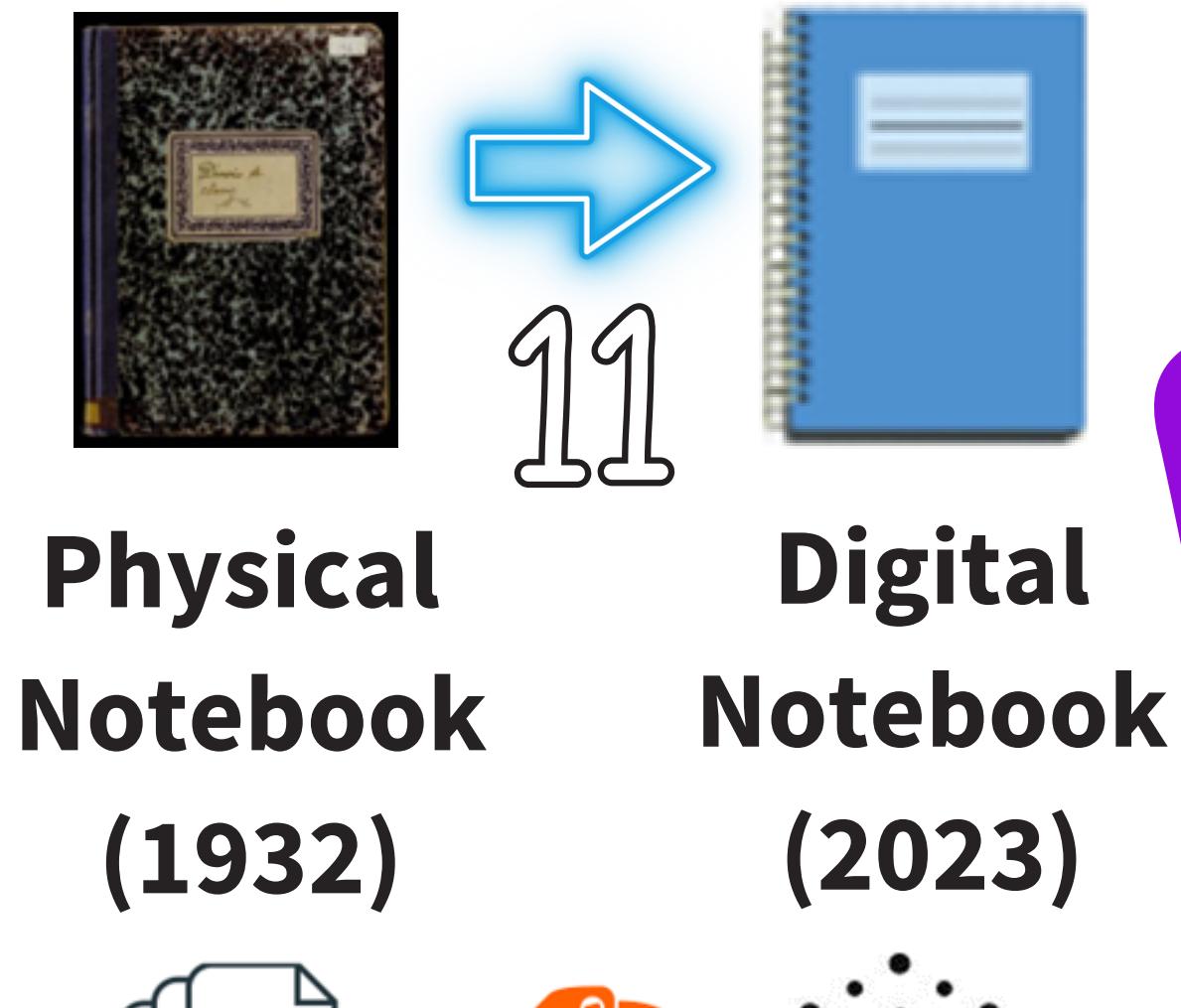
ARTIFICIAL INTELLIGENCE

RESEARCH

Digital Transformation



Escola Normal de Lleida



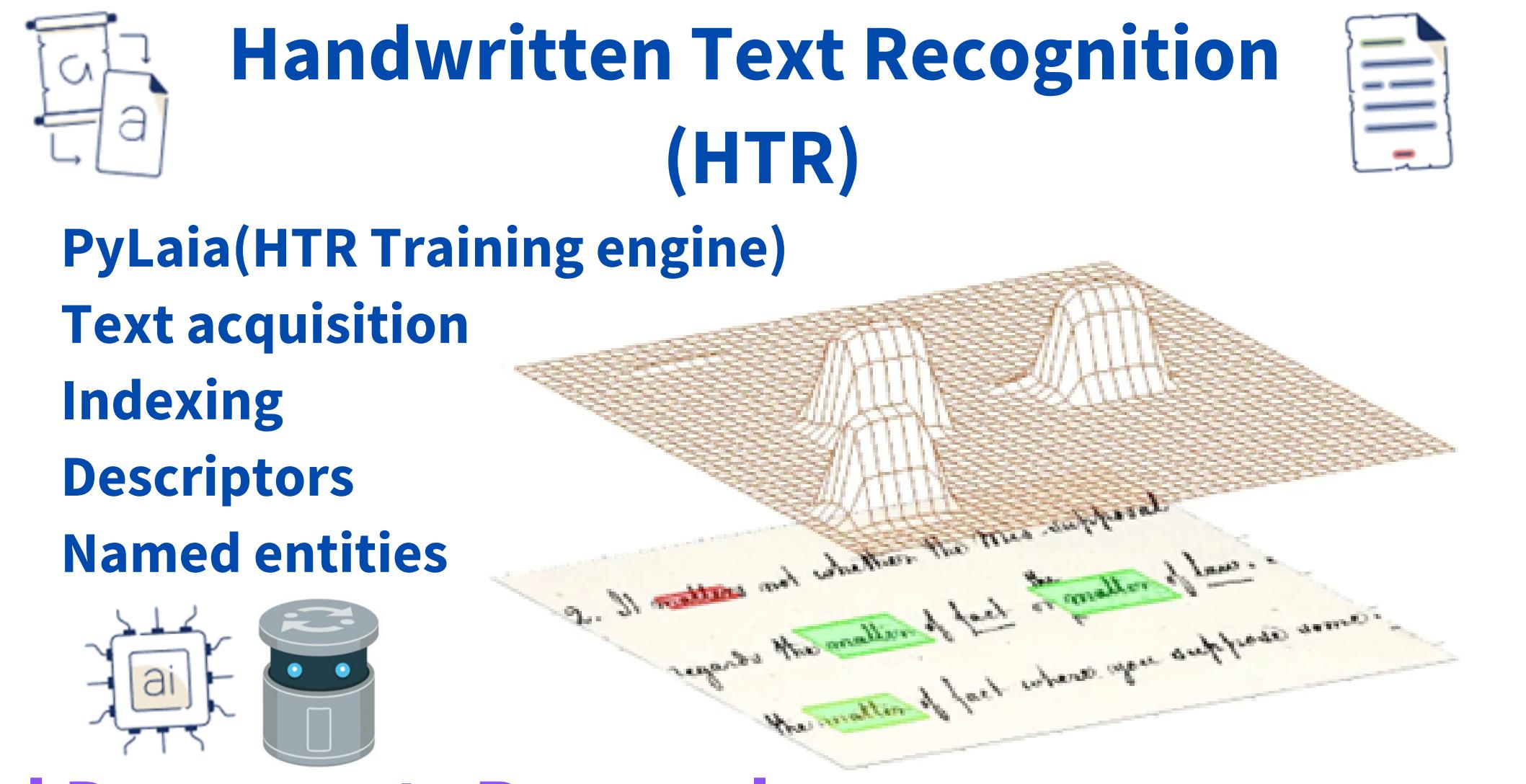
Physical Notebook
(1932)

Digital Notebook
(2023)



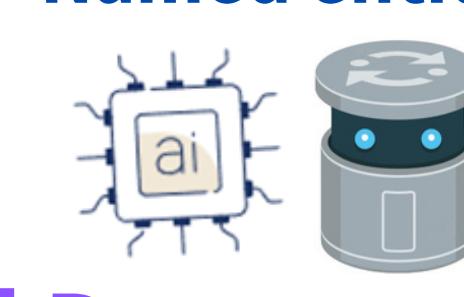
Transkribus

Unlock historical documents with AI



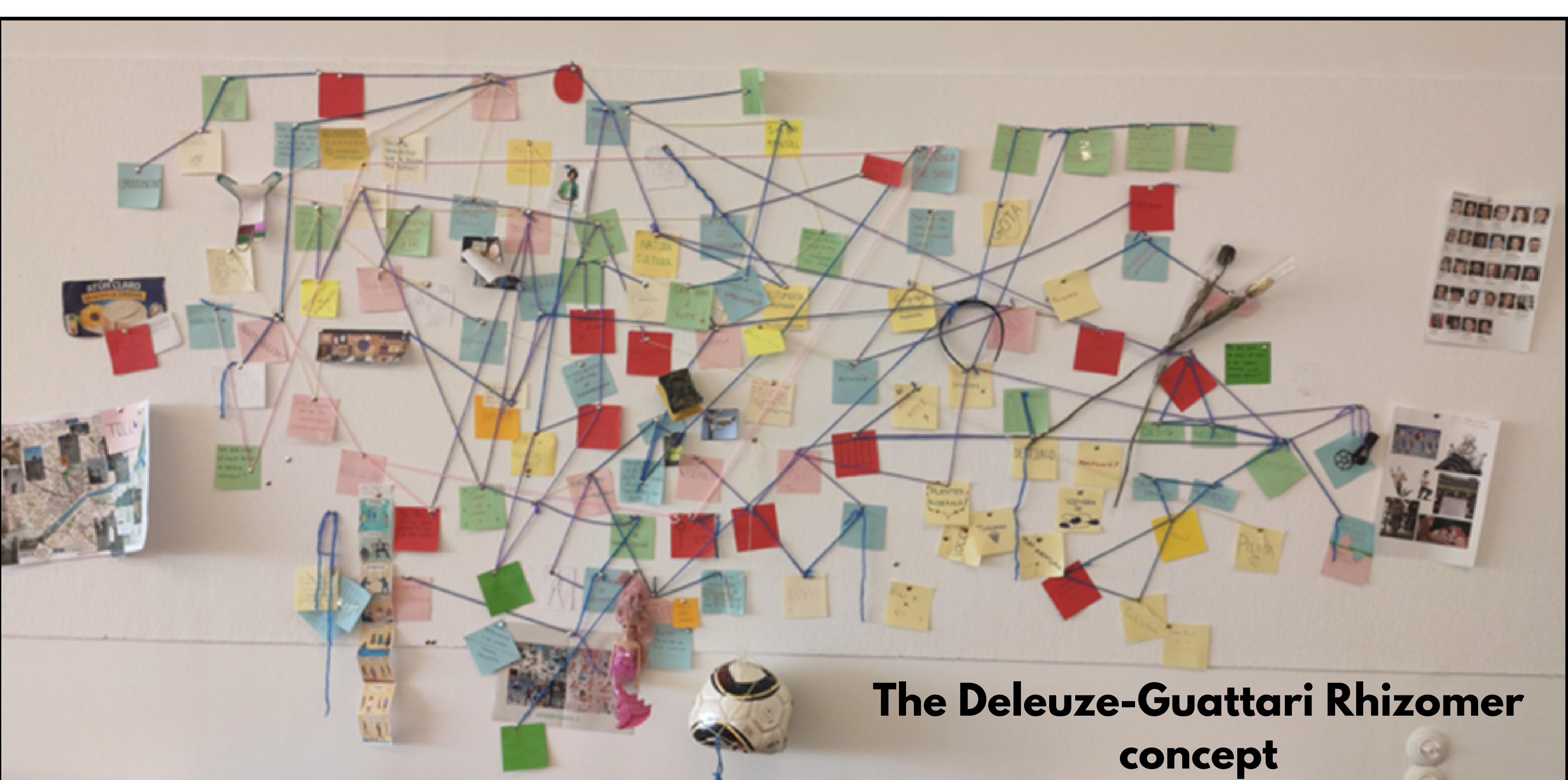
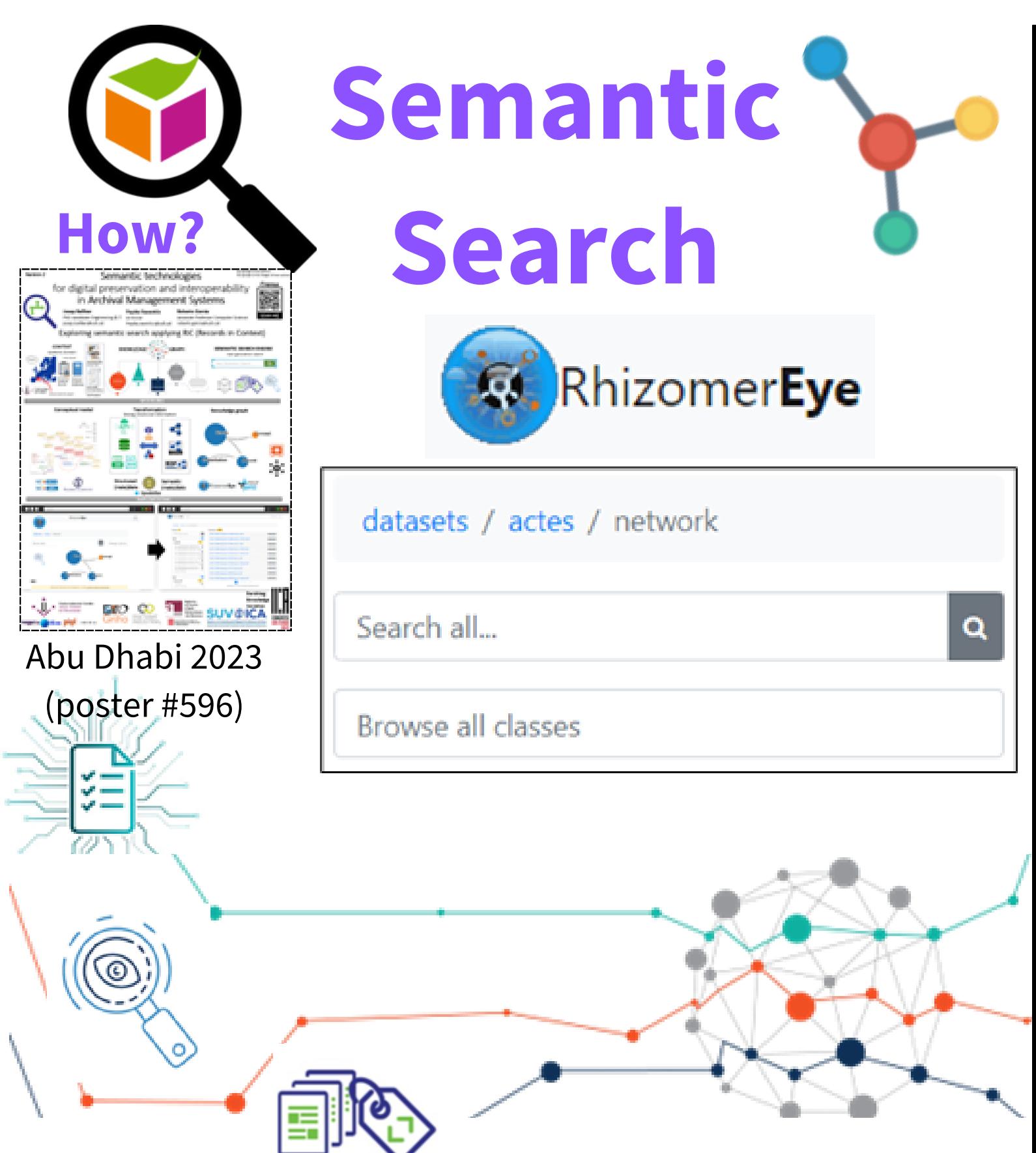
Handwritten Text Recognition
(HTR)

PyLaia(HTR Training engine)
Text acquisition
Indexing
Descriptors
Named entities



Historical Documents Research

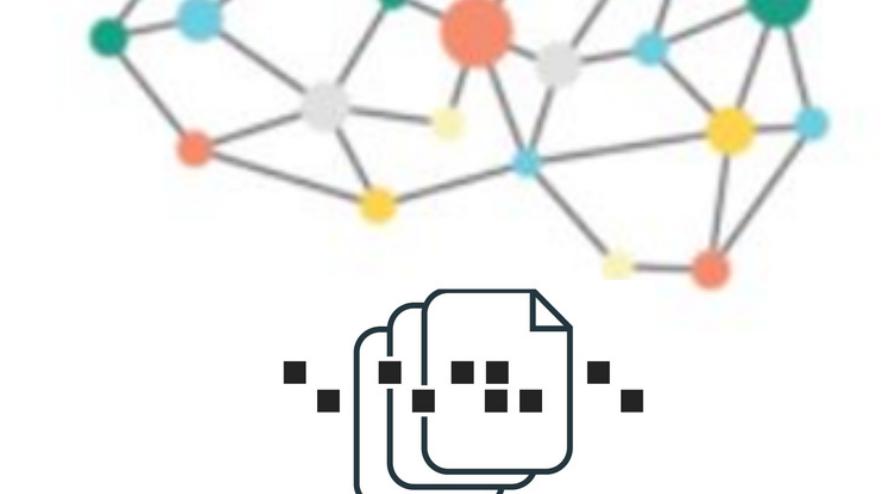
Semantic Search



The Deleuze-Guattari Rhizome concept

Knowledge Management

Enriching Knowledge Societies



Pla de Recuperació, Transformació i Resiliència

Finançado per la Unió Europea

DIRECCIÓN GENERAL DE PATENTES, INDUSTRIAL Y DE BELLAS ARTES

MINISTERIO DE CULTURA Y DEPORTE

SUBDIRECCIÓN GENERAL DE LOS ARCHIVOS ESTATALES

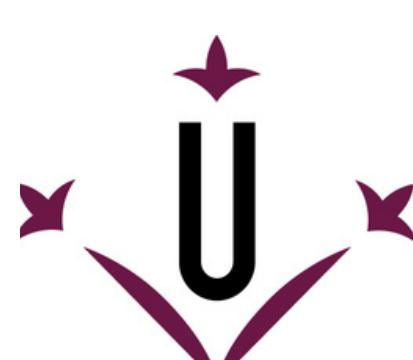
GOBIERNO DE ESPAÑA

SUVICA

Section on University and Research Institution Archives

Section des Archives des Universités et des Institutions de Recherche

CONGRESS
ABU DHABI
2023



Universitat de Lleida
Arxiu i Gestió de Documents

piol | IBERIA
nageru solutions | Hive

Griho
HCI and Data integration
Research Group

transKriptorium
READ co-op

memorial
democràtic
Generalitat
de Catalunya