

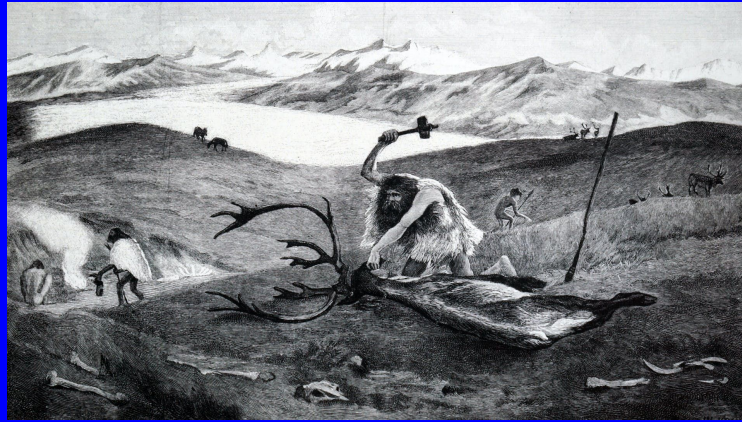
Níkos Voyiatzís

From lists to datasets.

A fragmented history of information
organisation and its aesthetics.

Introduction




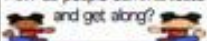
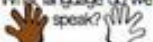
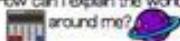
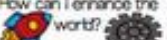
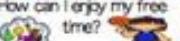


Archival transformations

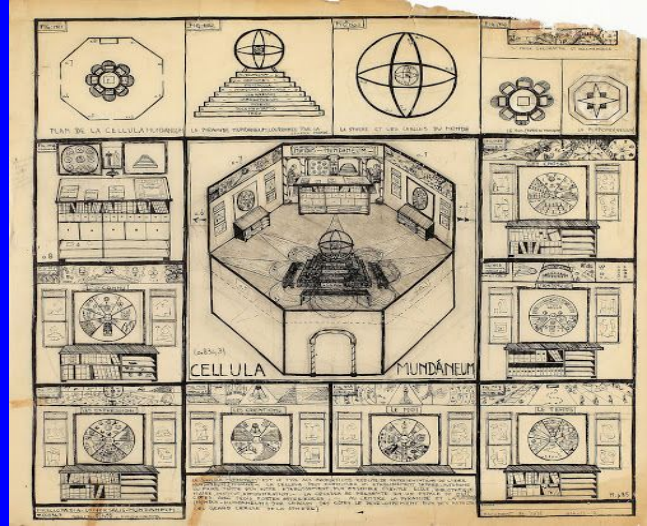


Concepts of the archive

Collection, document, archive, library

Dewey Decimal

000	General Works	What do you want to know? 
100	Philosophy and Psychology	Who am I? 
200	Religion and Mythology	How did we get here? 
300	Social Sciences	How do people communicate and get along? 
400	Language	What language do we speak? 
500	Science and Math	How can I explain the world around me? 
600	Technology	How can I enhance the world? 
700	Arts and Recreation	How can I enjoy my free time? 
800	Literature	What do we read? 
900	Geography, History, and Biography	What was the world like in the past? 



Paul Otlet
1910



Aby Warburg
1927

Melvin Dewey
1876

From words to keywords

Information representation, alphabetical order, thesaurus and keyword, collaborative tags, users as cataloguers and co creators



Thomson and Craighead.
A short film about war. 2010

From libraries to databases

Digital documents and collections,

New forms of archives!

Mouchette.org
1996



Morehshin
Allahyari. Material
speculation. 2016

From databases to datasets

Algorithms, instructions and organisation, AI and ML,
Neural networks and training datasets



AI in the archive

Image recognition- computer vision

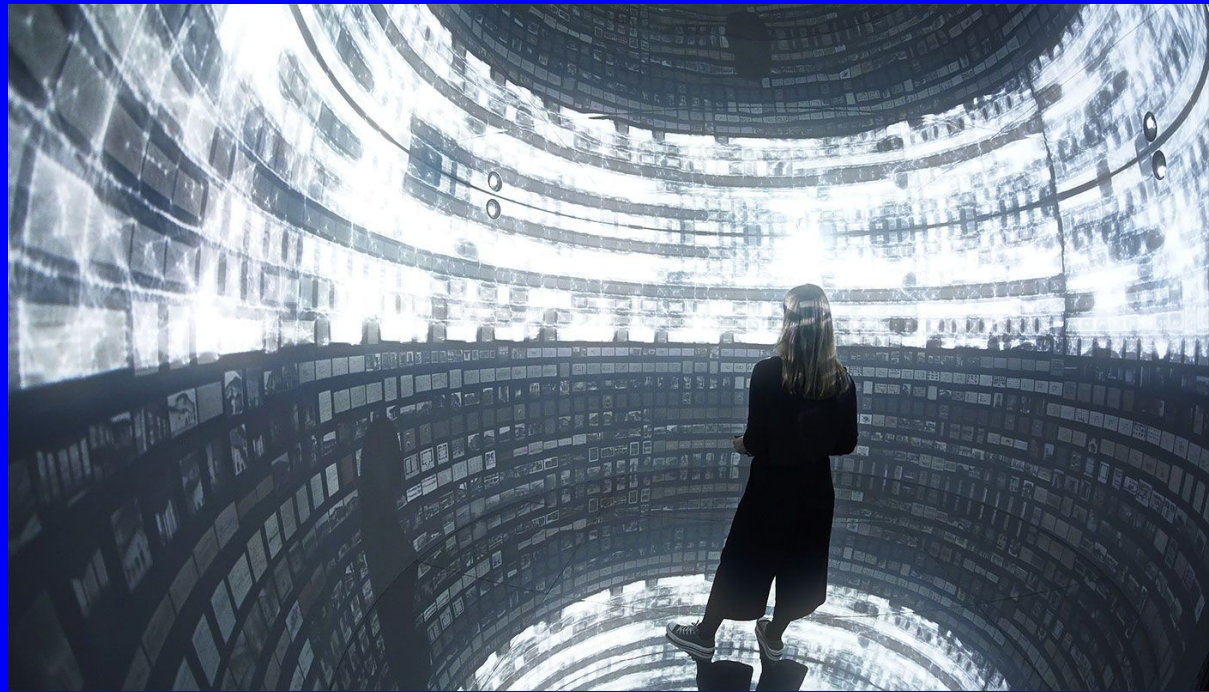
Eric Rosenbaum, Yotam Mann
etc. Giorgio Cam. 2016





Content analysis, categorisation and tagging

Nikolas Maleve. 12 hours of image net. 2019



Navigating the archive

Refik Anadol. Archive dreaming.2017



Co authorship- co production

Zhenzhen Qi. Quarantine diary ai. 2020

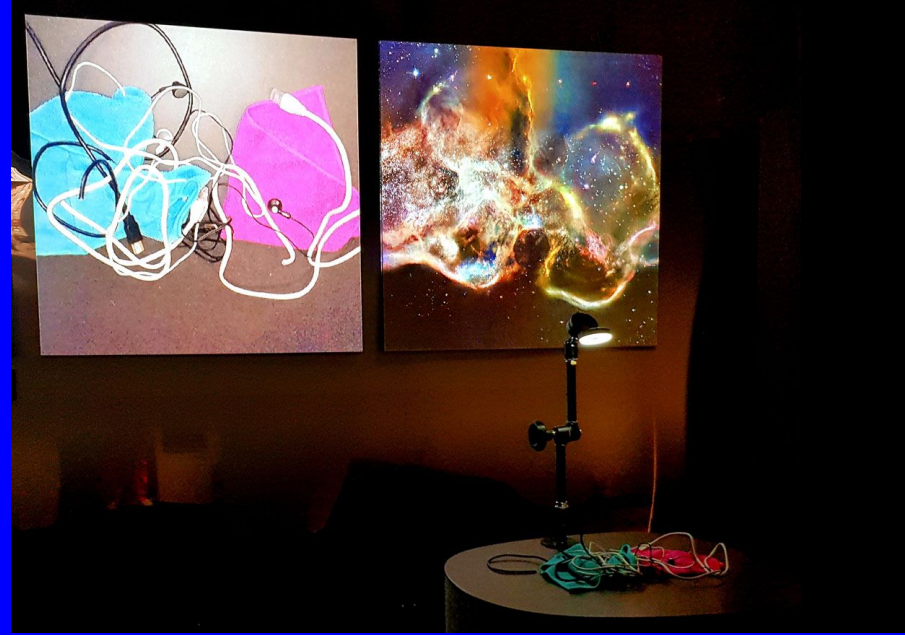
Can we espace archival
normalisation?

Mushon Zer-Aviv.
The normalising
Machine. 2018



The illusion of the machine and the human factor

Memo Akten.
Learning to see.
2017



Challenges in Visual Recognition



Camera Pose



Illumination



Deformation



Occlusion

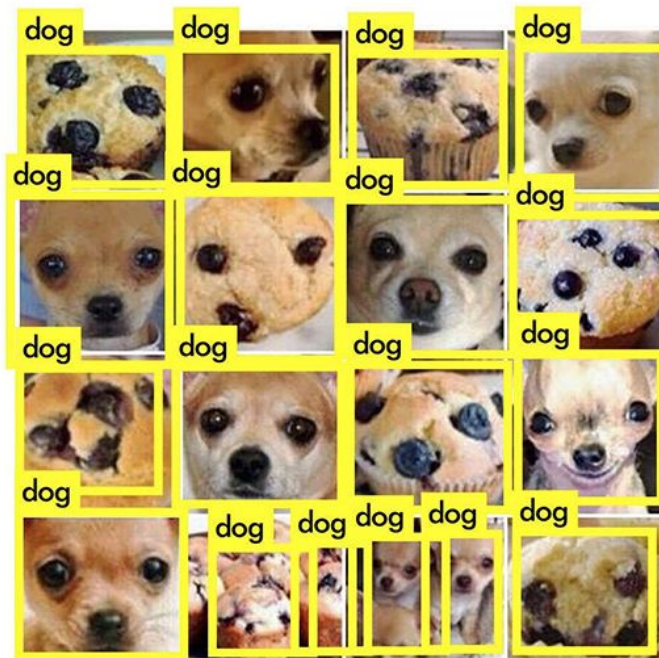


Background clutter



intraclass variation

Chihuahua or Muffin?



Arthur Boer

Boris Smeenk

What does this all mean for us?



Thanks !