

Data exploration toolkit for cultural data

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Agenda

- Activity
- Design Knowledge
- Sculpt your data
- Exploratory analysis

Cultural Data

How to design knowledge and sculpt your dataset

Activity

- Groups
- 5 minutes per group of objects
- 4 types of objects
- Working in groups, catalogue these objects in a tabular database like an spreadsheet
- What information would you think is important to be collected?
- Write the different columns of your dataset

**Are there any difference
between your data models?**

Data model examples

- [Artistic objects data model \(2 options\)](#)
- [Books data model \(2 options\)](#)
- [Correspondence data model](#)

But, what is a data model?

A data model is an abstract organisation of the information within a database - here is where standards and relations are visually explained.

Design Knowledge

Raw data does not exist

What does actually shape data collection / data models in your research?

Your research question

Sculpt Your Data

**How can you organise
historical / cultural data?**

Finding data models



1 manuscript items

1.1 Label and Description

1.1.1 Label

1.1.2 Description

1.1.3 Alias

1.2 instance of

1.2.1 manuscript type

1.2.2 lost manuscripts

1.3 core information (DFG:Schlagzeile)

1.4 Project information

1.5 Provenance

1.6 online resources

1.7 Literature

2 special information for codices

2.1 instance of

2.2 materiality of codices

3 manuscript content

3.1 section in a document

3.1.1 necessary information

3.1.2 PhiloBiblon textual witness

3.1.3 manuscript related information

3.1.4 content related information

3.1.4.1 PhiloBiblon: treatment of incipit Property:P70 and

3.1.5 external information

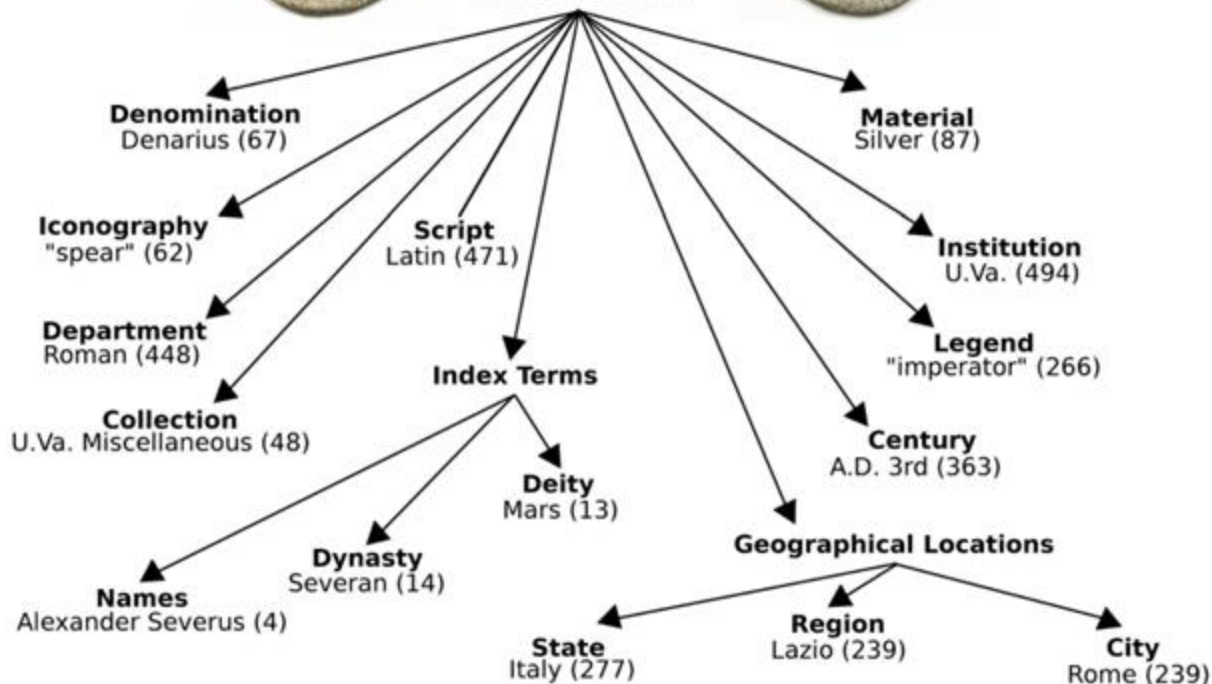
3.2 work

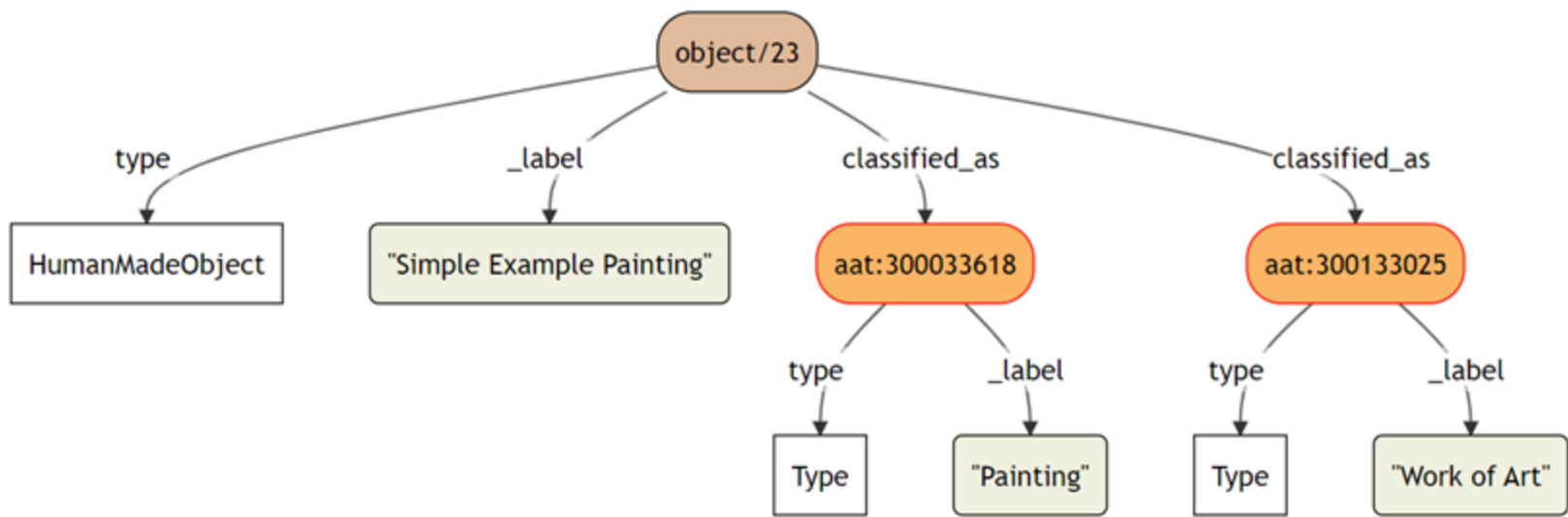
3.2.1 PhiloBiblon: Treatment of work

3.3 Field of Knowledge and Topic/Object of Discourse



Alexander Severus
A.D. 231-235





**I have designed
my data structure
now, what?**

Before adding information

Unique Identifiers - ID

- What is an ID? An ID variable is a variable that identifies each entity in a dataset (person, household, etc) with a distinct value.
- It is like your Student Number at the UU
- It is a random number
- There is no identicals ID
- How to use it ?

	A	B	C	D
1	ID	title	date	technique
2				
3				

After adding information

Cleaning & Normalisation

Consistency

- **Use of capital letters**
 - Jan Steen / jan steen
- **Dates**
 - 03/05/1865
 - 05/03/1865
 - 1865/05/03
- **Language**
 - Musée du Louvre
 - Louvre Musuem
- **Accents**
 - Diego de Velázquez
 - Diego de Velazquez

Duplicates

- **Same record with different ID**
 - 789393 - Rijksmuseum
 - 3984 - Rijksmuseum
- **Same record with different spellings and ID**
 - 789393 - Rijksmuseum
 - 3984 - Rijksmuseum Amsterdam

Controlled Vocabularies

- Helps with consistency
- Contributes to multilingual datasets
- There are created by the community or influential entities in the field and support by the community
- How can I use controlled vocabularies?

	A	B	C	D
1	ID	artists name	artists last name	ULAN
2				
3	ID	artists name	artists last name	Wikidata
4				
5				



Print

Search Tools & Databases

- Library Catalog
- ▶ Getty Research Portal
- Finding Aids for Research Collections
- ▶ Photo Archive
- ▶ Research Guides & Bibliographies
- Digital Collections
- ▶ Article & Research Databases
- ▶ Collecting & Provenance Research
- BHA & RILA

▼ Getty Vocabularies

▼ Art & Architecture Thesaurus (AAT)®

- About AAT
- AAT: Frequently Asked Questions
- How to use AAT

▶ Cultural Objects Name Authority (CONA)®

▶ Getty Thesaurus of

Art & Architecture Thesaurus® Online

Search the AAT [? Help](#)

Find Term or ID: [Search](#)

AND OR [Clear](#)

Note:

[Pop-up Search](#) [Browse the AAT hierarchies](#)

[Copyright Information](#)

Search Tips

For the Find Term or Note field, you may use **AND** and **OR** (all in upper case) [e.g., 1) windsor chairs, 2) chairs OR rockers, 3) chairs OR rockers OR armchairs, 4) bow-back AND windsor, 5) windsor AND (rockers OR chairs), 6) (windsor OR boston) AND (rockers OR chairs)]. Wildcard is the asterisk (*); right truncation only. To find an exact match rather than a key word in the Find Term field, use quotes [e.g., "chairs"]. If you wish to search the term and note together, click on the buttons for AND or OR.

[About the AAT](#)

Learn about the purpose, scope and structure of the AAT. The AAT is an evolving

Have a Question?

- [Contact the Vocabulary Program](#)



Union List of Artist Names® Online

Full Record Display

[New Search](#)

[Previous Page](#)

[Help](#)

Click the  icon to view the hierarchy.

[Semantic View \(JSON, JSONLD, RDF, N3/Turtle, N-Triples\)](#)

▪ [Representative Images:](#) [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [11](#)

ID: 500115493

Record Type: [Person](#)

Page Link: <http://vocab.getty.edu/page/ulan/500115493>

 **Dürer, Albrecht** (German printmaker and painter, 1471-1528)

Note: The son of a Nuremburg goldsmith of the same name, Albrecht Dürer was a prolific, popular, and widely influential artist. He studied in Venice and brought Italianate painting styles and forms to Germany. He is perhaps best known for having made great advancements in the techniques and art of printmaking.

Names:

Dürer, Albrecht ([preferred](#), [V,index,LC,English-P,NA,U](#))

([German-P,NA,U](#))

([Dutch-P,NA](#))

Albrecht Dürer ([V,display,German,NA,U](#))

Duerer, Albrecht ([V](#))

Albrecht Duerer ([V](#))

Durer, Albrecht ([V](#))

Dürer, Albert ([V](#))

Dürer, Alberto ([V](#))

Dürero, Alberto ([V,Italian,NA,U](#))

Durerus, Albertus ([V,Latin,NA,U](#))

Durer, Albertus ([V](#))

Direr, Albreht ([V](#))

Djurer, Albrecht ([V](#))

Dyûrà, Albrecht ([V](#))

Dîrers, Albrehts ([V](#))

Albrecht Durer ([V](#))

Critical Approaches to Datasets

- What
- Where
- Who
- How
- Why

AUTOR: LOPEZ GARCIA, DIEGO.
TITULO: **RETRATO DE SU ESPOSA CON MANTILLA.**

Retrato de la palme.

INVT^o N^o: 534.

ESCUELA: SEVILLANA.

FECHA: AÑO 1922.

MEDIDAS: 159 x 133 cm.

MATERIA: OLEO/LIENZO.

PROCEDENCIA: COLECCION DE D. DIEGO LOPEZ GARCIA.

CONCEPTO DE INGRESO: DONACION DE D. RAFAEL LOPEZ GARCIA.

FECHA DE INGRESO: 1 DE ENERO DE 1957. *14 marzo*

- FIRMADO Y FECHADO EN LA ZONA INF. DRCHA.: "A mi esposa. Diego Lopez. 1922".



Donacion M/A

c/m → 156 x 132,5 x 11

- 274 -

AUTOR: LOPEZ GARCIA, DIEGO.
TITULO: **RETRATO DE D. JOSE LOPEZ (HERMANO DEL AUTOR).**

INVT^o N^o: 530.

ESCUELA: SEVILLANA.

FECHA: AÑO 1898.

MEDIDAS: 60 x 46 cm.

MATERIA: OLEO/LIENZO.

PROCEDENCIA: COLECCION DE D. DIEGO LOPEZ GARCIA.

CONCEPTO DE INGRESO: DONACION DE D. DIEGO LOPEZ GARCIA.

FECHA DE INGRESO: 1 DE ENERO DE 1897. *14 febrero 1957*

- FIRMADO EN EL ANG. INF. DRCHO.: "Diego Lopez a su hermano Pepe (+ en 10 de Enero de 1903). /Hecho en 1898."



Donacion 23/B

c/m → 24,5 x 61 x 5,5

- 275 -

Feminist approaches

1. Rethink binaries
2. Embrace pluralism
3. Examine power and aspire to empowerment
4. Consider context
5. Legitimize affect and embodiment
6. Make labour visible