**FACULTY OF NATURAL, MATHEMATICAL & ENGINEERING SCIENCES** 

# DEPARTMENT OF **INFORMATICS**



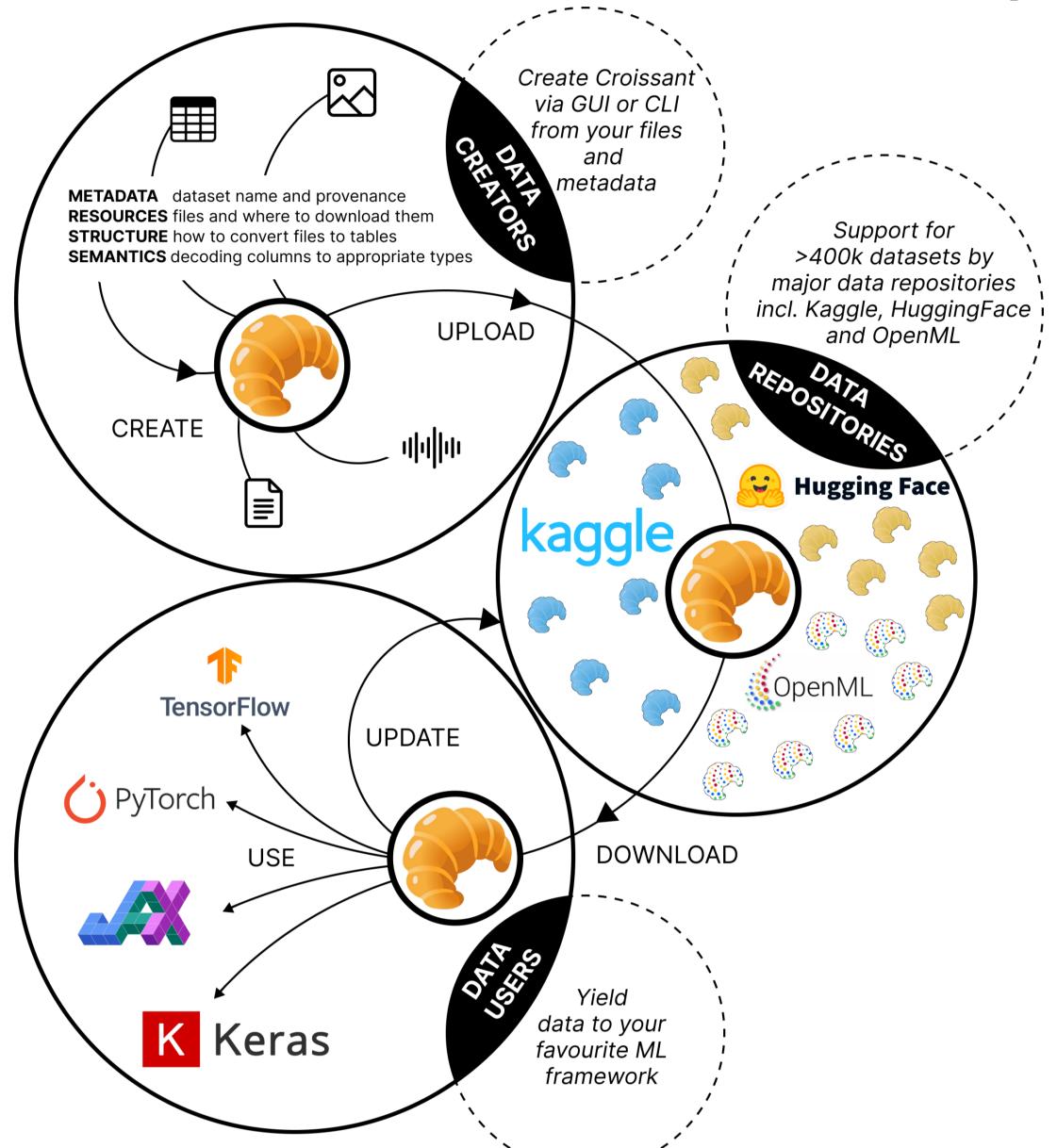
# **Towards a Standardised Data Documentation Format for Cultural Heritage Collections**

Nitisha Jain, Albert Meroño Peñuela, Elena Simperl

Croissant

**Croissant lifecycle and ecosystem** 

- Data is a critical resource for different domains, yet working with data remains a key friction point.
- **Croissant** is a metadata format for datasets that simplifies how data is used by ML tools and frameworks.
- **Croissant** makes datasets more discoverable, portable and interoperable, enabling dataset management and responsible AI (RAI).
- Support from Hugging Face, Google Dataset Search, Kaggle, Open ML, TFDS, Meta, NASA.
- Extensions to digital heritage, health, geospatial domains.





# **MuselT Objectives**

- build a Multimodal Knowledge Graph to capture 0 multisensory representations of cultural heritage (CH) assets.
- To enable digital rights management for digital heritage collections, build data trust and provenance solutions.

## **Croissant for MuselT**

### Multimodal cultural artefacts



Attributes for documenting user demographics, provenance

### and data lineage, data use and limitations.

Open-source python library, user-friendly visual editor.



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