FACULTY OF NATURAL, MATHEMATICAL & ENGINEERING SCIENCES

DEPARTMENT OF **INFORMATICS**



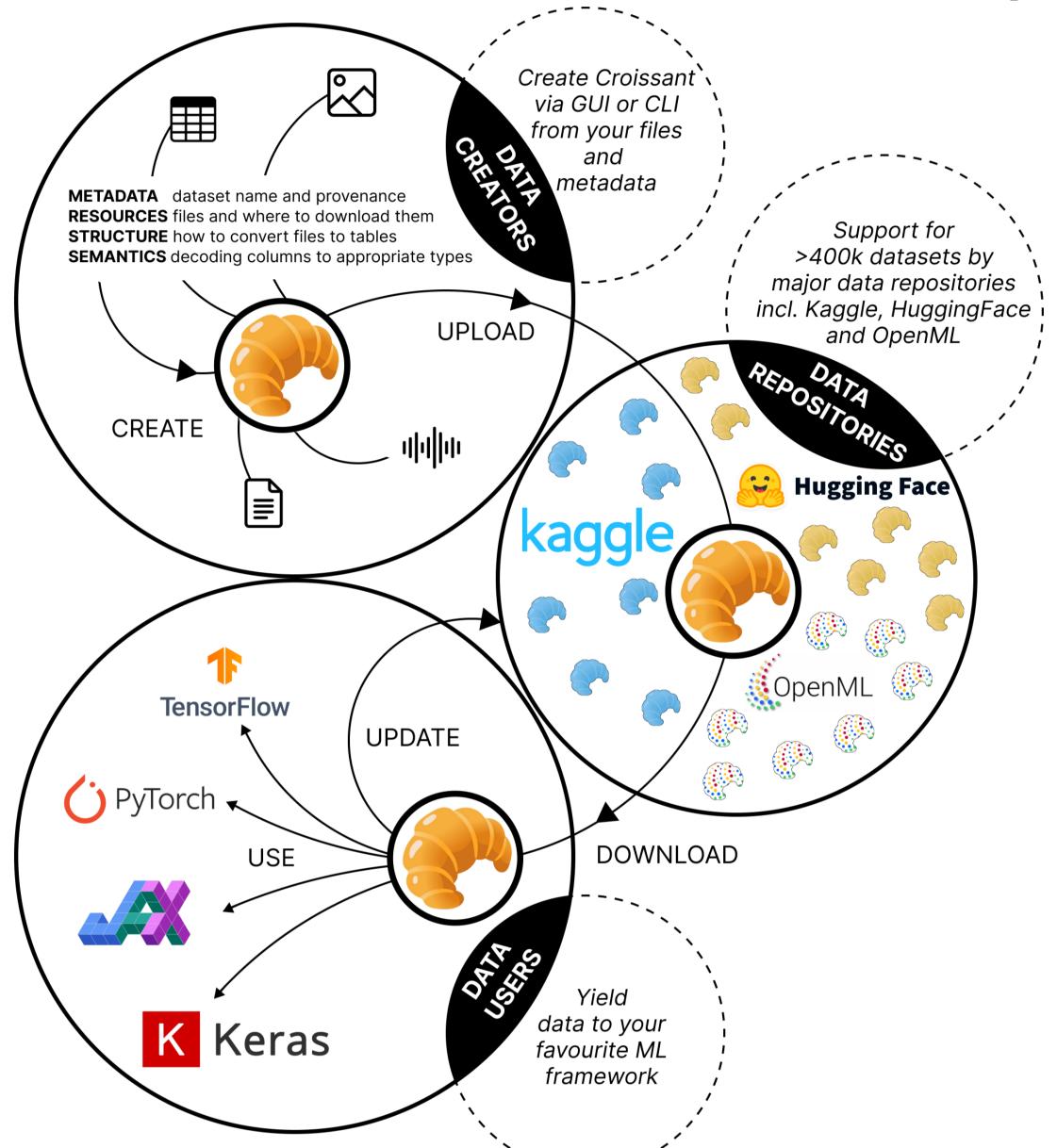
Towards a Standardised Data Documentation Format for Cultural Heritage Collections

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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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