

# Publish a (mini) dataset of your choice

The goal here is to convert a dataset from a given format like CSV, JSON (eg extracted from a relational database) to Linked Data.

(see the slides of unit 8 for necessary background information)

## Steps:

1. Select a random (small) input data set of your choice. Eg some database table(s) saved as .csv or JSON.
2. **Transform the data to Linked Data.**
  - a. Decide which ontologies (vocabularies) you can use
  - b. Write a script to transform into LD (or use R2RML for example)
  - c. Link to existing datasets (eg with owl:sameAs links etc)
3. Test the dataset, load with `rdflib`<sup>1</sup> or any similar library
4. Make some (useful) **sample SPARQL queries** against the data

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<sup>1</sup> <https://github.com/RDFLib/rdfliib>