

Worksheet IT 13: Data, metadata and informations

Metadata are information that are meant to describe the informative resources contained in data, in order to improve their visibility and accessibility in a reference system.

Since data processing is one of the main features of Citizen Science projects, it is considered appropriate to allocate a learning scenario for students to thoroughly understand the link between information, data and metadata. In this learning scenario students will understand the main functions of metadata: localization and search, which can be used to index documents in an archive.

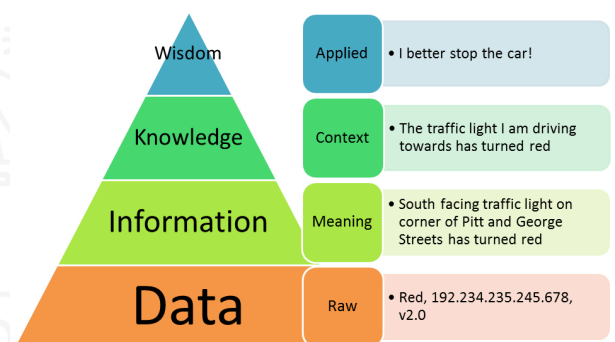
What will you learn?

- Step 1: Differences between information, data and metadata
- Step 2: Create an archive and enter data
- Step 3: Perform a search

Data & Information

The difference between data and information is:

- ☐ Information is a resource that is meaningful regardless of its context
- ☐ Data is an interpretation of reality
- ☐ Data is an uninterpreted representation of the reality, while information comes from the processing and interpretation of data



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Database

A database has a precise structure. Choose which, from the following options

- ☐ A query is made up of records that are, in turn, made up of tables
- ☐ A database is made up of tables which are composed of records
- ☐ A table is made up of databases composed of records



Query

What exactly is a Query and what is its function

- ☐ It is a search in a database that is used to extrapolate records according to specific criteria
- ☐ It is an exotic dish
- ☐ It is the result of a search within a database

