

Individual assignment #2 – Build your own ontology**INFO 6540 – Data Management****Winter 2021****20% of final grade****Objective**

- Get familiar with knowledge graphs and ontologies.

Instructions

Create an ontology (in excel using this [template](#)) on a topic that you are familiar with and know on a detailed level. It can be anything you want (e.g. music, history, movies, TV shows, books, comics, food, sports, etc.). **Please do not modify the names of the sheets and the columns in the template.**

The minimum requirements for the ontology are:

1. A brief description of your ontology and its domain boundaries. Write this in the “**Description**” sheet of the Excel file.
2. At least 20 individuals.
3. At least 3 different relationship types, excluding “inverse relationships” and “is a” relationships.
4. All classes and relationships must have a succinct textual description (a single phrase or sentence). Write those in the “**Description**” column of the “**Relationships**” and “**Classes**” sheets.
5. At least 20 triples using (make sure that all your individuals and relationship types are used at least once).

To deposit on Brightspace by April 2nd, 2021 at 11:59 pm Atlantic time.

- Your Excel file.

Grade calculation

- The minimum number of elements is respected (5 points)
- The description of your ontology and its domain boundaries are clear (5 points)
- The descriptions of your classes and relationships are present and appropriate (5 points)
- The ontology is overall logical and consistent (5 points)