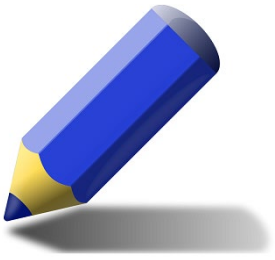


# Semantics, knowledge graphs and ontologies in practice

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# Exercises

Merge the different RDF representations in a single RDF graph

We would like to check the following errors:

- That Wikidata items should follow the pattern: Qxxx where xxx is a number
  - That a player can only play in one team
  - That the value of a temperature should be a decimal value
  - That the value of a temperature should be between 30 and 50 degrees
- 1.- Create a ShEx file that validates the previous RDF data
  - 2.- Create a SHACL file that validates the previous RDF data