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Started on Monday, 20 November 2023, 6:47 PM

State Finished

Completed on Monday, 20 November 2023, 6:51 PM

Time taken 3 mins 39 secs

Grade 11.25 out of 15.00 (75%)

Question 1

Correct

Mark 3.75 out of 3.75

Look up the entry for Poland on Wikidata (<https://www.wikidata.org/wiki/Q36>) and answer what Poland is an instance of.

- ☒ [sovereign state](#) ✓
- ☐ [European Union](#)
- ☒ [country bordering the Baltic Sea](#) ✓
- ☒ [country](#) ✓

Your answer is correct.

The correct answers are:

[country](#),

[country bordering the Baltic Sea](#),

[sovereign state](#)

Question 2

Incorrect

Mark 0.00 out of 3.75

The most crucial difference between RDF and property graphs is that RDF uses URLs as identifiers, and property graphs use local identifiers (such as strings).

Select one:

- ☐ True
- ☒ False ✖

Property graphs use purely local identifiers, which were literals in RDF graphs.

The correct answer is 'True'.

Question 3

Correct

Mark 3.75 out of 3.75

You are working on a project to build a knowledge graph of important events in world history. You have a list of articles containing event mentions in text and want to link each event to the appropriate Wikipedia page.

Question: What problem is described in the scenario?

- ☐ Link prediction
- ☐ Missing value imputation
- ☒ Entity linking ✔
- ☐ Triple classification

Your answer is correct.

The correct answer is:

Entity linking

Question 4

Correct

Mark 3.75 out of 3.75

Scenario: You are working on a project to improve the accuracy of a knowledge graph. The graph consists of nodes representing entities and edges representing relationships between entities. Some of the valid edges may be missing in the graph, and your task is to predict them.

Question: What problem is described in the scenario?

- ☒ Link prediction ✓
- ☐ Entity typing
- ☐ Entity linking
- ☐ Triple classification

Your answer is correct.

The correct answer is:

Link prediction