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DSCI 558: Building Knowledge Graphs

Quiz 18 (5 minutes)

**True or False (7pts)**

Which of the following statements are true in Linked Data ?

1. An HTML document about a person is a representation of that person.
2. You can use the same URI for a person and the webpage about that person.
3. Web documents have a URI and return representations.
4. Linked Data guarantees that an instance always has only one URI for easy linking.
5. One challenge of Linked Data is that there are many RDF formats, which are not supported by all tools.
6. Linked Data can contain out of date information.
7. In Linked Data, an instance should include links to other URIs so that more things can be discovered.

**Matching (3pts)**

Match the learned lessons to their correct phases in the process of Building Linked Data.

1. Reproducible Workflows: Export raw data from database management systems => Mapping Data
2. Shared Repository: Manage all the data and mapping files using Github => Mapping Data
3. Data Cleaning: Clean raw data before using => Mapping Data
4. Manual Review: Review to ensure the final linked data is correct => Linking Data
5. Visualization: Visualize data for non-technical users => Using Data
6. Simple Schema: Created a set of SPARQL queries to create simplified JSON objects => Using Data