Semi-structured data …

A. is always schema-less
B. always embeds schema information into the data
C. must always be hierarchically structured
D. can never be indexed

Why is XML a document model?

A. It supports application-specific markup
B. It supports domain-specific schemas
C. It has a serialized representation
D. It uses HTML tags

An ontology …

A. helps to separate layout issues from the structural representation of data
B. provides a common syntactic framework to represent standardized domain models
C. can be used as an annotation framework for integrating semantically heterogeneous databases

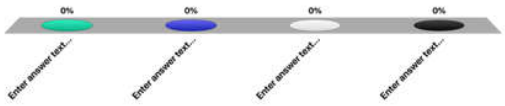
A basic statement in RDF would be expressed in the relational data model by a table …

A. with one attribute

B. with two attributes

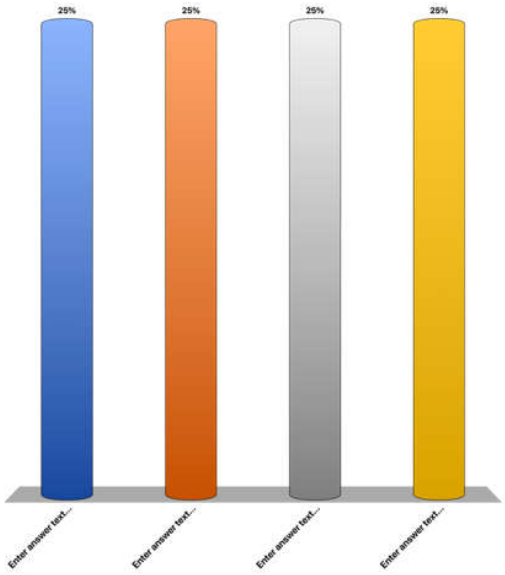
C. with three attributes

D. wannot be expressed in the relational data model



The type statement in RDF would be expressed in the relational data model by a table …

A. with one attribute
B. with two attributes
C. with three attributes
D. cannot be expressed in the relational data model



Which is true?

A. Reification is used to produce a more compact representation of complex RDF statements

B. Reification is needed to make a statement the subject of another statement

C. Reified statements always make a statement about another statement

Which of the following are part of the RDF schema language?

A. The « type » statement for RDF resources?

B. The « domain » statement for RDF properties?

C. The « subject » statement for RDF statements?

Which of the following is NOT an (instance-level) ontology?

A. Wordnet
B. WikiData
C. Schema.org
D. Google Knowledge Graph