

DSO553 - PS#1

****Answers are bolded or written and highlighted**

Q1 - Which are characteristics of NoSQL? Select all that apply.

- 1 - Defined Schema
- 2 - Schema-less**
- 3 - Consistent
- 4 - Eventually Consistent**
- 5 - Flexible**

Q2 - What is the goal of Polyglot Persistence ? Please choose one.

- 1 - Speaking many languages
- 2 - Using awesome technology, being cutting edge
- 3 - Using the right tool for the right type of data**
- 4 - To make systems less complex

Q3 - What are similarities between Document databases and Key-value databases? Select all that apply

- 1 - Both are both NoSQL**
- 2 - Both have key-value pairs**
- 3 - Both have only singular values as in values are either int, string, etc and are not complex like arrays of values or objects

Q4 - Please fill in the blank.

Relational	MongoDB	Neo4j
Table	COLLECTION	Label
ROW	Document	NODE
Column	FIELD or Key-VALUE	Properties

Q5 - When can Eventual Consistency be an acceptable characteristic of a system ? Select all that apply

- 1 - Day trading system
- 2 - Venmo payments
- 3 - Social media**
- 4 - Google docs, drive, etc**
- 5 - Emails**