NOSQL Databases and Big Data Storage Systems

## Questions

1. What are the characteristics of NoSQL systems that are related to distributed databases?
2. Scalability
3. Availability
4. Replication Models
5. Eventual Consistency
6. Sharding of Files
7. High-Performance Data Access
8. What are NOSQL characteristics related to data models and query languages?
9. Not Requiring a Schema
10. Less Powerful Query Languages
11. Versioning

## MCQ

1. MongoDB is a ------------ NoSQL database.

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| 1. Graph based | 1. Document Based | 1. Key-Value based | 1. Column based |

1. Voldemort is a ------------ NoSQL database.

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| 1. Graph based | 1. Document Based | 1. Key-Value based | 1. Column based |

1. HDFS (Hadoop Distributed File System) is a ------------ NoSQL database.

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| 1. Graph based | 1. Document Based | 1. Key-Value based | 1. Column based |

1. Neo4j is a ------------ NoSQL database.

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| 1. Graph based | 1. Document Based | 1. Key-Value based | 1. Column based |

1. NoSQL interpreted as ------------------.

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| --- | --- | --- | --- |
| 1. Not Only SQL | 1. No to SQL | 1. New Open SQL | 1. Never SQL |

1. Most NoSQL systems are -------------- which means that NoSQL focus on semi-structured data storage, high performance, availability, data replication, and scalability.

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| 1. Monolith databases | 1. Distributed database | 1. O-O-DB | 1. Structured Db |

1. \_\_\_\_\_\_\_\_ stores are used to store information about networks, such as social connections.

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| --- | --- | --- | --- |
| 1. Graph based | 1. Document Based | 1. Key-Value based | 1. Column based |

1. MongoDB specify their document in format of -----------.

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| --- | --- | --- | --- |
| 1. YAML | 1. RAML | 1. XML | 1. JSON |