NOSQL Databases and Big Data Storage Systems

## Complete the following statements

1. NoSQL interpreted as ----------------- rather than ---------------.

Ans : Not Only SQL , NO to SQL.

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

Ans : distributed databases.

1. MongoDB and CouchDB, which are classified as ------------- NOSQL systems or ----------------.

Ans : document-based , document stores.

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

Ans : JSON {Java Script Oriented Notations}

## 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 |