*Database Servers and Server Management*

*Activity*

*Goal: Synthesize and summarize the key differences between relational database servers and non-relational (i.e. NoSQL) database servers.*

1. Navigate to ONE of the following websites.

* <https://www.altexsoft.com/blog/business/comparing-database-management-systems-mysql-postgresql-mssql-server-mongodb-elasticsearch-and-others/>
* <https://www.guru99.com/sql-vs-nosql.html>
* <https://www.digitalocean.com/community/tutorials/a-comparison-of-nosql-database-management-systems-and-models>
* <https://www.alooma.com/blog/types-of-modern-databases>

1. Begin reading through the website you chose, to identify some of the key differences between a relational database and a non-relational database.
2. Use the characteristics of databases below to help you identify some of those differences. Then, try to fill in the table below with those differences.

**Comparative Analysis of Relational and Non-Relational (NoSQL) Databases**

|  |  |  |
| --- | --- | --- |
|  | Relational DBs | Non-Relational (NoSQL) DBs |
| How data is stored? |  |  |
| Structured Data |  |  |
| Unstructured Data |  |  |
| Type of Data  (numeric/text, images/video) |  |  |
| Scalability |  |  |
| Normalization |  |  |
| Learning Curve |  |  |
| Examples of Database Vendors Supporting Each |  |  |