Database Management Systems

Do an internet search and find the most used DBMS (at least 15), then fill the following table:

|  |  |
| --- | --- |
| BDMS name | MySQL |
| Owner | Oracle Corporation |
| Supported Models | Relational |
| Who is using it (min 3) | Google, Facebook, Adobe |
| Availability tools and how it works | Replication in multiple nodes through a two-phase commit mechanism. |
| Data partitioning and how it works | Yes, auto-sharding based on a hashing algorithm. It supports cross-shards queries and transactions. |
| On-Premise, on-cloud or hybrid | Hybrid |
| Data manipulation language | SQL |
| Data Storage System | B-tree, R-tree, heap |
| Other Interesting Features | It is the most secure and reliable DBMS. It has on-demand scalability. |

References

MySQL. “Why MySQL?”. *Mysql.com*. 2018. Web. January 10, 2018.