# Difference between DBMS and RDBMS

| Basics of Comparison | DBMS | RDBMS |
|---|---|---|
| Expansion | Database Management System | Relational DataBase Management System |
| Data storage | Navigational model ie data by linked records | Relational model (in tables). ie data in tables as row and column |
| Data redundancy | Exhibit | Not Present |
| Normalization | Not performed | RDBMS uses normalization to reduce redundancy |
| Data access | Consumes more time | Faster, compared to DBMS. |
| Keys and indexes | Does not use. | used to establish relationship. Keys are used in RDBMS. |
| Transaction management | Inefficient, Error prone and insecure. | Efficient and secure. |
| Distributed Databases | Not supported | Supported by RDBMS. |
| Example | Dbase, FoxPro. | SQL server, Oracle, mysql, MariaDB, SQLite. |