CS 3520 Database Theory Assignment #1

For this assignment, do a survey of existing Database Management Systems (DBMS) and write a summary of what you have found out and submit it on canvas.

There are many database management systems. Using internet, do some research about some of these DBMS such as: Oracle, MS Access, MySQL, SQL Server, SQLite, Ingress, db4o and MongoDB, etc. and write a short paragraph about each of them. In you writing consider properties like:

Open source or not

Commercial or educational

What percentage of market share they own

What platform they run on

Their application (who may use it)

Their model, Relational, Object Relational, or Object Oriented

You may want to create a two dimensional table with name of DBMS on left side and properties along the top.

For each of these DBMS included in your summary include the URL (source) of the site that you got the information.