

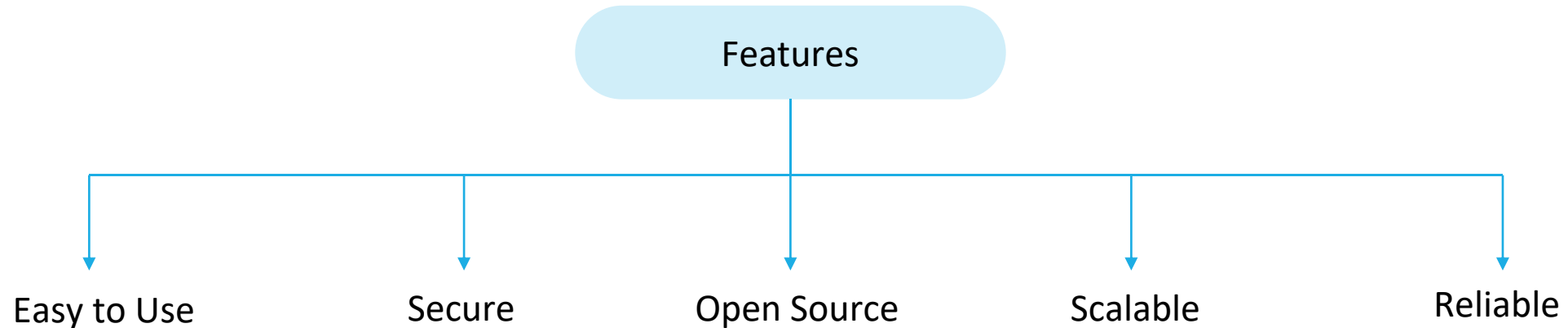
Introduction to MySQL

Introduction to Databases

- It is very important to understand the database before learning MySQL.
- A database is an application that stores the organized collection of records. It can be accessed and manage by the user very easily.
- It allows us to organize data into tables, rows, columns, and indexes to find the relevant information very quickly.
- Each database contains distinct API for performing database operations such as creating, managing, accessing, and searching the data it stores.

What is MySQL ?

- MySQL is one of the most popular database management system software used for managing the relational database.
- It is open-source database software, which is supported by Oracle Company. It is fast, scalable, and easy to use database management system in comparison with Microsoft SQL Server and Oracle Database.
- It is commonly used in conjunction with PHP scripts for creating powerful and dynamic server-side or web-based enterprise applications.



Relational Database Management System (RDBMS)

- RDBMS stands for Relational Database Management System.
- RDBMS is a program used to maintain a relational database.
- RDBMS is the basis for all modern database systems such as MySQL, Microsoft SQL Server, Oracle, and Microsoft Access.
- RDBMS uses SQL queries to access the data in the database.

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Table in Database


CustomerID	CustomerName	ContactName	Address	City	PostalCode	Country
1	Alfreds Futterkiste	Maria Anders	Obere Str. 57	Berlin	12209	Germany
2	Ana Trujillo Emparedados y helados	Ana Trujillo	Avda. de la Constitución 2222	México D.F.	05021	Mexico
3	Antonio Moreno Taquería	Antonio Moreno	Mataderos 2312	México D.F.	05023	Mexico
4	Around the Horn	Thomas Hardy	120 Hanover Sq.	London	WA1 1DP	UK
5	Berglunds snabbköp	Christina Berglund	Berguvsvägen 8	Luleå	S-958 22	Sweden


Rows/Records/Tuples

Columns/Fields/Attributes

Software Installation

<https://dev.mysql.com/downloads/windows/installer/8.0.html>

 MySQL Community Downloads

 MySQL Installer


General Availability (GA) ReleasesArchives

MySQL Installer 8.0.33

Select Operating System:
Microsoft Windows

Looking for previous GA versions?

Windows (x86, 32-bit), MSI Installer (mysql-installer-web-community-8.0.33.0.msi)	8.0.33	2.4M	Download
Windows (x86, 32-bit), MSI Installer (mysql-installer-community-8.0.33.0.msi)	8.0.33	428.3M	Download

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