




Introduction & Overview

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- SQL
 - Data
 - Database
 - A relational Database
 - List five SQL Commands

What is SQL?

- A language used for relational database
- Query Data

S Q L referred as “sequel” and is short for its original “Structured English Query Language”

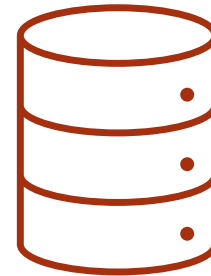
What is Data?

- facts - words, numbers or even pictures.
- Bank stores
 - Your name
 - Address
 - Phone number
 - Account numbers.
- Safe and secure Data storage



What is Database?

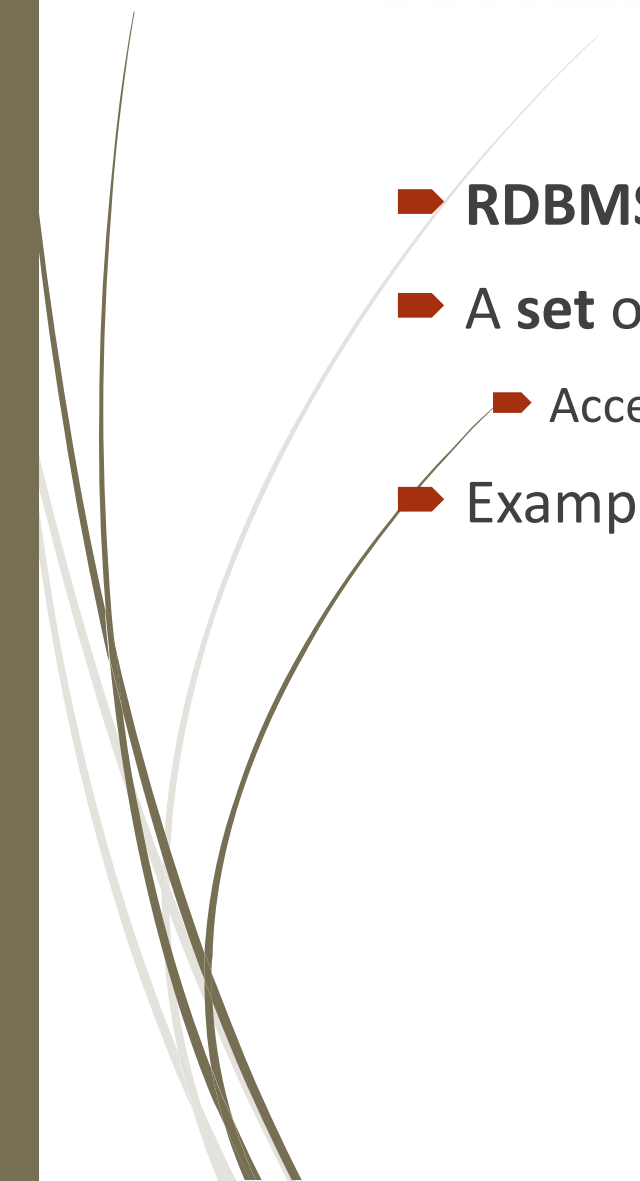
- A repository of Data
- Provides functionality for adding, modifying & Querying that data
- Different kind of database store data in different forms
- Data stored in tabular form is a relational database



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What is RDBMS?

- **RDBMS** – Relational Database Management system
 - A **set** of software tools that controls the data
 - Access, organization & Storage
 - Examples – MS SQL Server, Oracle, DB2, MySQL
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Popular RDBMS softwares



MySQL

GNU General Public License



PostgreSQL

PostgreSQL Licence



Oracle Database

Proprietary software



SQLite



Microsoft SQL Server

Proprietary software



IBM Db2

Proprietary software





Basic SQL Commands

- Create Tables
 - Insert
 - Select
 - Update
 - Delete
- 