Database Technologies

Topics:

1.Types of DBMS

2.Data Models and Codd's 12 rules for RDBMS

3.DDL (CREATE/ALTER/DROP/TRUNCATE)

4.DML (INSERT/UPDATE/DELETE)

5.DCL, DTL/TCL

6. MySQL Data Types and Database Constraints

7.Aggregate Functions, Grouping Things Together

8.LIKE Operator, DISTINCT, Sorting (Order by clause)

9.Comparing Nulls (IS NULL/IS Not NULL), IN/NOT IN

10.Exception Handling

11.Joins

12.Subquery, Correlated Subquery

13.Views

14.Exception Handling

15.ACID Properties and Data Redundancy

16.Normalization and Normal Forms

17.Database Design and Entity-Relationship Diagram (ERD)

18.Stored Procedures

19.Flow Control Statements

20.Conditional Statements

21.Functions with and without parameters

22.Cursors