Mindluster Platform

About the course Database Management Systems

Database Management Systems course, in this course Explore the fundamentals of DBMS, data modeling, query languages, and database design.

Computer Science Category's Courses

Course Lesson(27)

Lesson 1 : **Introduction to Database Management Systems**

Lesson 2 : **DBMS Characteristics**

Lesson 3 : **Database Users**

Lesson 4 : **Advantages Disadvantages of DBMS**

Lesson 5 : **History of Database Applications**

Lesson 6 : **Fundamentals of Database Systems**

Lesson 7 : **Three Schema Architecture Data Independence**

Lesson 8 : **DBMS Languages Interfaces Classification**

Lesson 9 : **Database System Environment**

Lesson 10 : **DBMS Architecture**

Lesson 11 : **Basic Concepts of Entity Relationship Model**

Lesson 12 : **Database Design Process**

Lesson 13 : **Concept of Relationships in ER Diagram**

Lesson 14 : **Exercises based on ER Model Concepts Part 1**

Lesson 15 : **Exercises based on ER Model Concepts Part 2**

Lesson 16 : **Introduction to Relational Data Model**

Lesson 17 : **Characteristics of Relations**

Lesson 18 : **Relational Model Constraints**

Lesson 19 : **Update Operations Dealing with Constraint Violations**

Lesson 20 : **Exercises based on Relational Model â€“ Part 1**

Lesson 21 : **Exercises based on Relational Model â€“ Part 2**

Lesson 22 : **Relational Algebra Operations Unary**

Lesson 23 : **Relational Algebra Operations Set Theory**

Lesson 24 : **Relational Algebra Operations Binary**

Lesson 25 : **Additional Relational Algebra Operations**

Lesson 26 : **Relational Algebra Queries Part 1**

Lesson 27 : **Relational Algebra Queries Part 2**

Related courses

Linear Algebra for Computer Scientists

Insertion Sort

Bubble Sort

GCSE Computer Science

Random Access Memory

Binary Trees

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