Mindluster Platform

About the course Relational Database and Queries

A database query is either an action query or a select query. A select query is one that retrieves data from a database. An action query asks for additional operations on data, such as insertion, updating, deleting or other forms of data manipulation .

Programming Category's Courses

Course Lesson(41)

Lesson 1 : **Database Course Introduction {Ù‚ÙˆØ§Ø¹Ø¯ Ø¨ÙŠØ§Ù†Ø§Øª Ø¨Ø§Ù„Ø±Ø¨Ù‰}**

Lesson 2 : **Relational Algebra Introduction {Ù‚ÙˆØ§Ø¹Ø¯ Ø¨ÙŠØ§Ù†Ø§Øª Ø¨Ø§Ù„Ø±Ø¨Ù‰}**

Lesson 3 :
Relational Algebra Selection Sigma Operator {Ù‚ÙˆØ§Ø¹Ø¯ Ø¨ÙŠØ§Ù†Ø§Øª Ø¨Ø§Ù„Ø±Ø¨Ù‰}

Lesson 4 :
Relational Algebra Selection Sigma Operator Relax Implementation {Ù‚ÙˆØ§Ø¹Ø¯ Ø¨ÙŠØ§Ù†Ø§Øª Ø¨Ø§Ù„Ø±Ø¨Ù‰}

Lesson 5 : **Relational Algebra Project Pi Operator {Ù‚ÙˆØ§Ø¹Ø¯ Ø¨ÙŠØ§Ù†Ø§Øª Ø¨Ø§Ù„Ø±Ø¨Ù‰}**

Lesson 6 :
Relational Algebra Project Pi Operator Implementation {Ù‚ÙˆØ§Ø¹Ø¯ Ø¨ÙŠØ§Ù†Ø§Øª Ø¨Ø§Ù„Ø±Ø¨Ù‰}

Lesson 7 :
Relational Algebra Rename Rho Operator {Ù‚ÙˆØ§Ø¹Ø¯ Ø¨ÙŠØ§Ù†Ø§Øª Ø¨Ø§Ù„Ø±Ø¨Ù‰}

Lesson 8 :
Relational Algebra Rename Rho Operator Implementation {Ù‚ÙˆØ§Ø¹Ø¯ Ø¨ÙŠØ§Ù†Ø§Øª Ø¨Ø§Ù„Ø±Ø¨Ù‰}

Lesson 9 :
Relational Algebra Set Operators U n Ã— {Ù‚ÙˆØ§Ø¹Ø¯ Ø¨ÙŠØ§Ù†Ø§Øª Ø¨Ø§Ù„Ø±Ø¨Ù‰}

Lesson 10 :
Relational Algebra Set Operators U n Ã— Implementation {Ù‚ÙˆØ§Ø¹Ø¯ Ø¨ÙŠØ§Ù†Ø§Øª Ø¨Ø§Ù„Ø±Ø¨Ù‰}

Lesson 11 :
Relational Algebra Inner Join Operators theta equi natural {Ù‚ÙˆØ§Ø¹Ø¯ Ø¨ÙŠØ§Ù†Ø§Øª Ø¨Ø§Ù„Ø±Ø¨Ù‰}

Lesson 12 : **Relational Algebra Examples Part 1**

Lesson 13 : **Relational Algebra Examples Part 2**

Lesson 14 :
Relational Algebra Divide by Operator {Ù‚ÙˆØ§Ø¹Ø¯ Ø¨ÙŠØ§Ù†Ø§Øª Ø¨Ø§Ù„Ø±Ø¨Ù‰}

Lesson 15 :
Relational Algebra Divide by Operator Implementation and exercises {Ù‚ÙˆØ§Ø¹Ø¯ Ø¨ÙŠØ§Ù†Ø§Øª Ø¨Ø§Ù„Ø±Ø¨Ù‰}

Lesson 16 :
Relational Algebra Outer Join left right full Operator l{Ù,ÙˆØ§Ø¹Ø¯ Ø¨ÙŠØ§Ù†Ø§Øª Ø¨Ø§Ù„Ø±Ø¨Ù‰}

Lesson 17 :
Relational Algebra Natural Outer Join Operator {Ù,ÙˆØ§Ø¹Ø¯ Ø¨ÙŠØ§Ù†Ø§Øª Ø¨Ø§Ù„Ø±Ø¨Ù‰}

Lesson 18 :
Relational Algebra Outer Union Operator {Ù,ÙˆØ§Ø¹Ø¯ Ø¨ÙŠØ§Ù†Ø§Øª Ø¨Ø§Ù„Ø±Ø¨Ù‰}

Lesson 19 :
Relational Algebra Semi and Anti Join Operator {Ù,ÙˆØ§Ø¹Ø¯ Ø¨ÙŠØ§Ù†Ø§Øª Ø¨Ø§Ù„Ø±Ø¨Ù‰}

Lesson 20 :
Relational Algebra Aggregate Functions and Grouping {Ù,ÙˆØ§Ø¹Ø¯ Ø¨ÙŠØ§Ù†Ø§Øª Ø¨Ø§Ù„Ø±Ø¨Ù‰}

Lesson 21 : **Recap {Ù,ÙˆØ§Ø¹Ø¯ Ø¨ÙŠØ§Ù†Ø§Øª Ø¨Ø§Ù„Ø±Ø¨Ù‰}**

Lesson 22 : **Tuple Relational Calculas {Ù,ÙˆØ§Ø¹Ø¯ Ø¨ÙŠØ§Ù†Ø§Øª Ø¨Ø§Ù„Ø±Ø¨Ù‰}**

Lesson 23 : **Tuple Relational Calculas 2 variables {Ù,ÙˆØ§Ø¹Ø¯ Ø¨ÙŠØ§Ù†Ø§Øª Ø¨Ø§Ù„Ø±Ø¨Ù‰}**

Lesson 24 :
Tuple Relational Calculas Quantifiers variables {Ù,ÙˆØ§Ø¹Ø¯ Ø¨ÙŠØ§Ù†Ø§Øª Ø¨Ø§Ù„Ø±Ø¨Ù‰}

Lesson 25 : **DBMSs {Ù,ÙˆØ§Ø¹Ø¯ Ø¨ÙŠØ§Ù†Ø§Øª Ø¨Ø§Ù„Ø±Ø¨Ù‰}**

Lesson 26 : **Setup SQLite {Ù,ÙˆØ§Ø¹Ø¯ Ø¨ÙŠØ§Ù†Ø§Øª Ø¨Ø§Ù„Ø±Ø¨Ù‰}**

Lesson 27 : **SQL introduction {Ù,ÙˆØ§Ø¹Ø¯ Ø¨ÙŠØ§Ù†Ø§Øª Ø¨Ø§Ù„Ø±Ø¨Ù‰}**

Lesson 28 : **SQLITE | First Database {Ù,ÙˆØ§Ø¹Ø¯ Ø¨ÙŠØ§Ù†Ø§Øª Ø¨Ø§Ù„Ø±Ø¨Ù‰}**

Lesson 29 :
SQLITE | SQL DDL CREATE DROP ALTER TABLE {Ù,ÙˆØ§Ø¹Ø¯ Ø¨ÙŠØ§Ù†Ø§Øª Ø¨Ø§Ù„Ø±Ø¨Ù‰}

Lesson 30 :
SQLITE | SQL DDL CREATE DROP ALTER TABLE Implementation {Ù,ÙˆØ§Ø¹Ø¯ Ø¨ÙŠØ§Ù†Ø§Øª Ø¨Ø§Ù„Ø±Ø¨Ù‰}

Lesson 31 :
SQLITE | SQL DML INSERT DELETE UPDATE REPLACE TABLE {Ù,ÙˆØ§Ø¹Ø¯ Ø¨ÙŠØ§Ù†Ø§Øª Ø¨Ø§Ù„Ø±Ø¨Ù‰}

Lesson 32 :
SQLITE | SQL DML INSERT DELETE UPDATE REPLACE TABLE Implementation {Ù,ÙˆØ§Ø¹Ø¯ Ø¨ÙŠØ§Ù†Ø§Øª Ø¨Ø§Ù„Ø±Ø¨Ù‰}

Lesson 33 : **SQLITE | SQLite Studio {Ù,ÙˆØ§Ø¹Ø¯ Ø¨ÙŠØ§Ù†Ø§Øª Ø¨Ø§Ù„Ø±Ø¨Ù‰}**

Lesson 34 : **SQLITE | Sample Database {Ù,ÙˆØ§Ø¹Ø¯ Ø¨ÙŠØ§Ù†Ø§Øª Ø¨Ø§Ù„Ø±Ø¨Ù‰}**

Lesson 35 :
SQLITE | SQL DQL SELECT WHERE operators including IN and LIKE {Ù,ÙˆØ§Ø¹Ø¯ Ø¨ÙŠØ§Ù†Ø§Øª Ø¨Ø§Ù„Ø±Ø¨Ù‰}

Lesson 36 :
SQLITE | SQL DQL SELECT WHERE Operators IN BETWEEN LIKE Implementation {Ù,ÙˆØ§Ø¹Ø¯ Ø¨ÙŠØ§Ù†Ø§Øª Ø¨Ø§Ù„Ø±Ø¨Ù‰}

Lesson 37 :
SQLITE | SQL DQL Projection Columns Expressions Constants and alias {Ù,ÙˆØ§Ø¹Ø¯ Ø¨ÙŠØ§Ù†Ø§Øª Ø¨Ø§Ù„Ø±Ø¨Ù‰}

Lesson 38 :
SQLITE | SQL DQL JOIN Cross and Inner {Ù,ÙˆØ§Ø¹Ø¯ Ø¨ÙŠØ§Ù†Ø§Øª Ø¨Ø§Ù„Ø±Ø¨Ù‰}

Lesson 39 :

SQLITE | SQL DQL OUTER JOIN and self JOIN {Ù‚Ù^Ø§Ø¹Ø¯ Ø¨ÙŠØ§Ù†Ø§Øª Ø¨Ø§Ù„Ø±Ø¨Ø·}

Lesson 40 : SELECT PROJECT JOIN Exercise

Lesson 41 : SQL | SQLITE Aggregate Functions Group By Distinct

Related courses

React Projects Workshops

Node js back end JavaScript

Python programming language

Social Network Theme UI With Sass

Full Stack React Django

Build a Node js App With Sequelize

for Business Contact
business@mindluster.com