Comprehensive Python course for AI

Exercises 24 && 25

Deadline:2024 11 January

Score: 550

2023 03 January

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Exercises 24

Score: 550

MySql

- **Create a relational database for a university system that includes three tables: Students, Courses, and Enrollments. The database should track the students, the courses offered, and the enrollments of students in these courses.**

1. Students

Fields: StudentID (Primary Key), FirstName, LastName, DateOfBirth, Email

2. Courses

Fields: CourseID (Primary Key), CourseName, Instructor

3. Enrollments

Fields: EnrollmentID (Primary Key), StudentID (Foreign Key), CourseID (Foreign Key), EnrollmentDate

MySql

1. Data Insertion

Insert sample data into the Students, Courses, and Enrollments tables.
Ensure that the data is consistent and follows the relationships between the tables.

2. Querying Student Enrollments

Write a query to find the names of all students and the count of courses they are enrolled in.
The output should be a list of students and the number of courses they're taking.

3. Data Removal

Write a SQL statement to remove students who are enrolled in less than 2 courses.
Ensure the integrity of the database after the removal.

4. Updating Course Names

Write an update statement to change all courses with "Java" in their name to "Python."
Confirm the update with a select statement.

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Exercises 25

Score: 250

MySql

- **Write question 24 by mysql.connector library.**

Thanks

Good Luck!

Don't give up on your dreams ☺