CSC315-Presentation

Aeint Thet Ngon

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What is SQLite3

SQLite is an in-process database, designed to be embedded in applications, instead of using a separate database server program such as MySQL, PostgreSQL, or Oracle.
The SQLite3 module was written by Gerhard Häring. It provides a SQL interface compliant with the DB-API 2.0 specification described by PEP 249.

SQLite3 in Python

- Easily Connect to database
- Using execute function to add data, select certain data that fits the criteria
- After using SELECT, use fetchone() method to retrieve a single matching row, or call fetchall() to get a list of the matching rows.

College Scorecard Data:Explantory Data

- Does income level affect debt level?
- Does debt lead to withdrawal
- What contributes to high education cost?
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Drawbacks

- Institution data, rather than individualized data
- Too many different variables-1900++ variables
- Too much data

Improvements to work on

- Learn to clean up data, when there is a variety to run through a loop
- Finding a faster way to explore the data
- Need a better way to go about it