CS432/433: Introduction to Database Systems

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CS432: Mondays, Wednesdays, Fridays 2:30-3:20pm
CS433: Wednesdays 3:30-4:30pm

How does Wal-Mart manage its 200 TB data warehouse?

What is the database technology behind ebay’s website?

What does it take to build an Oracle 9i or IBM DB2 database?

CS432 provides an introduction to database systems. The topics covered include the relational model, SQL, transactions, and database design.

CS433 is the practicum associated with CS432. In CS433, you will build the major components of a “realistic” database system.

What is new with CS432/CS433?

- **CS432** will have no programming assignments; the emphasis will be on concepts.

- **CS432** is a prerequisite for **CS530**, a course on Large-Scale Information Systems (see the CS530 flyer).

- **CS433** will have substantial programming assignments in C++; this will provide valuable systems-building experience.

- **CS433** will focus solely on database internals; database applications will be covered in CS530.