

# DATABASE SYSTEMS

CSC 350

# COURSE PREREQUISITES

CSC 250 - Software Engineering (Formally CSC 313)

## Webster's Dictionary:

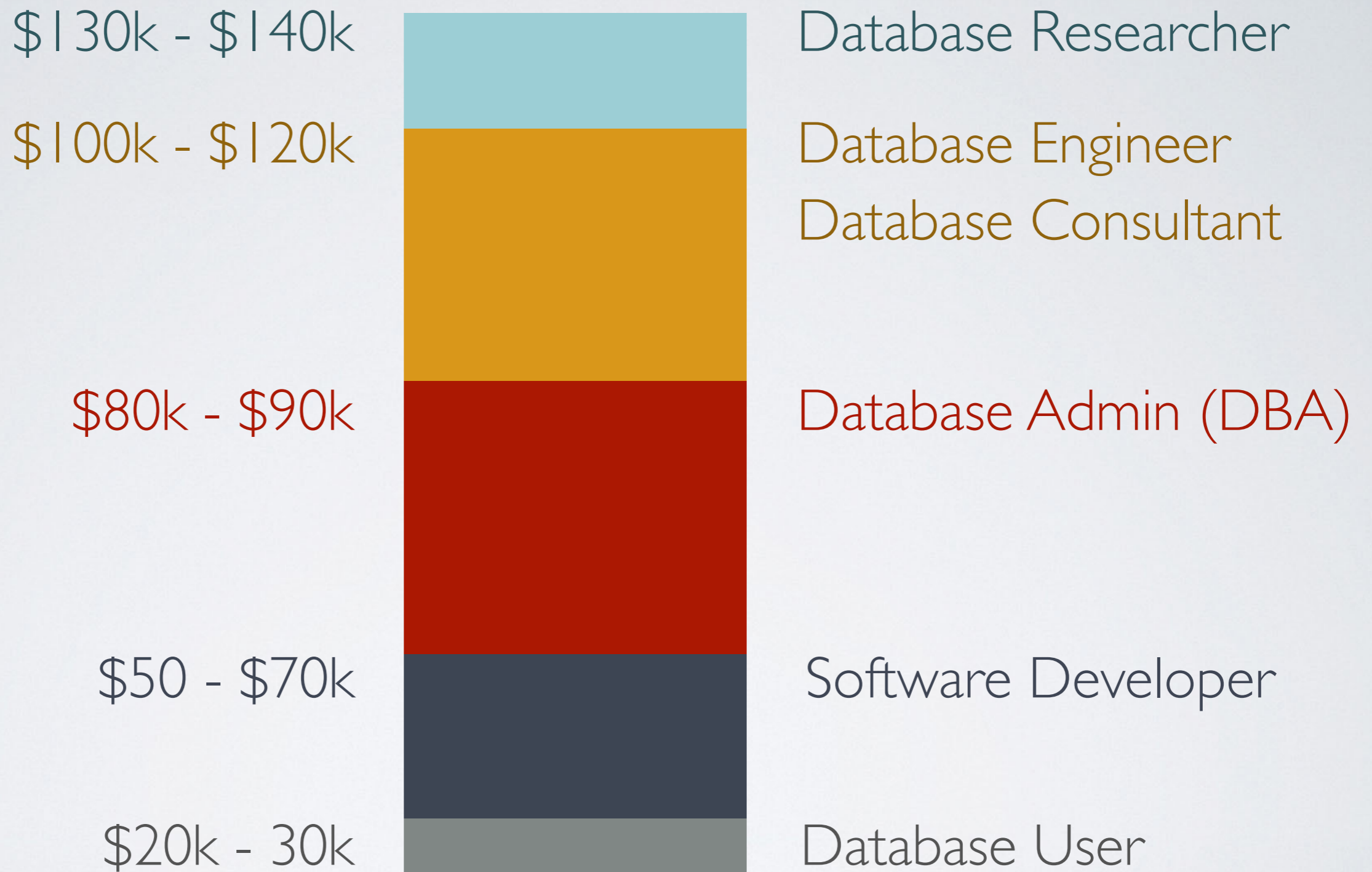
**Database:** A structured set of data held in a computer, especially one that is accessible in various ways.

## **Database Management System (DBMS):**

Software that handles the storage, retrieval, and updating of data in a computer system.

## Bible Dictionary:

...

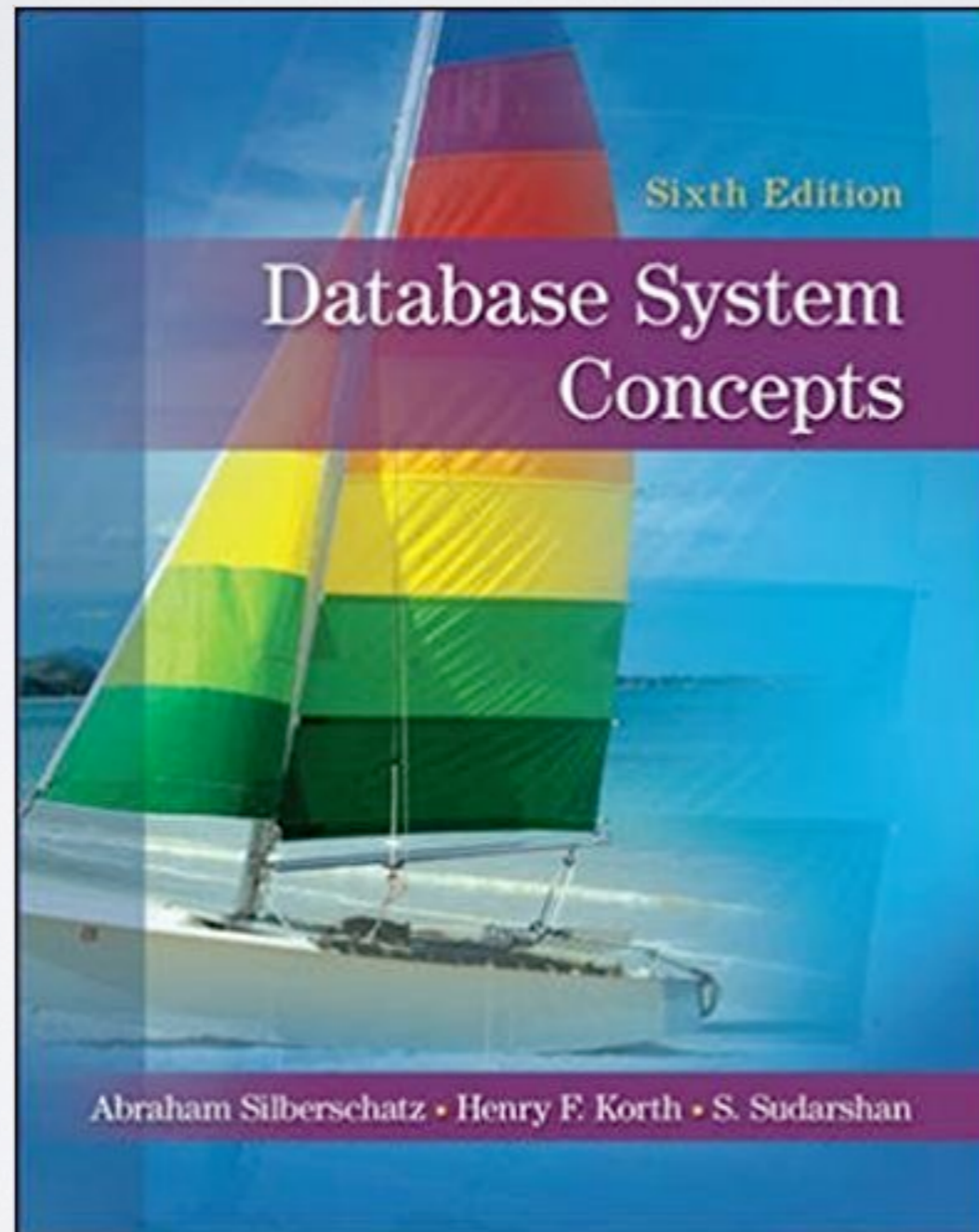


Database Knowledge Scale

# COURSE OUTLINE

- Communicating with databases using SQL
- Designing databases
- Optimizing Databases
- Database Transactions
- Database Concurrency
- Comparing RDBMS with Document, Object, and Graph based databases

# COURSE MATERIALS



# GRADING

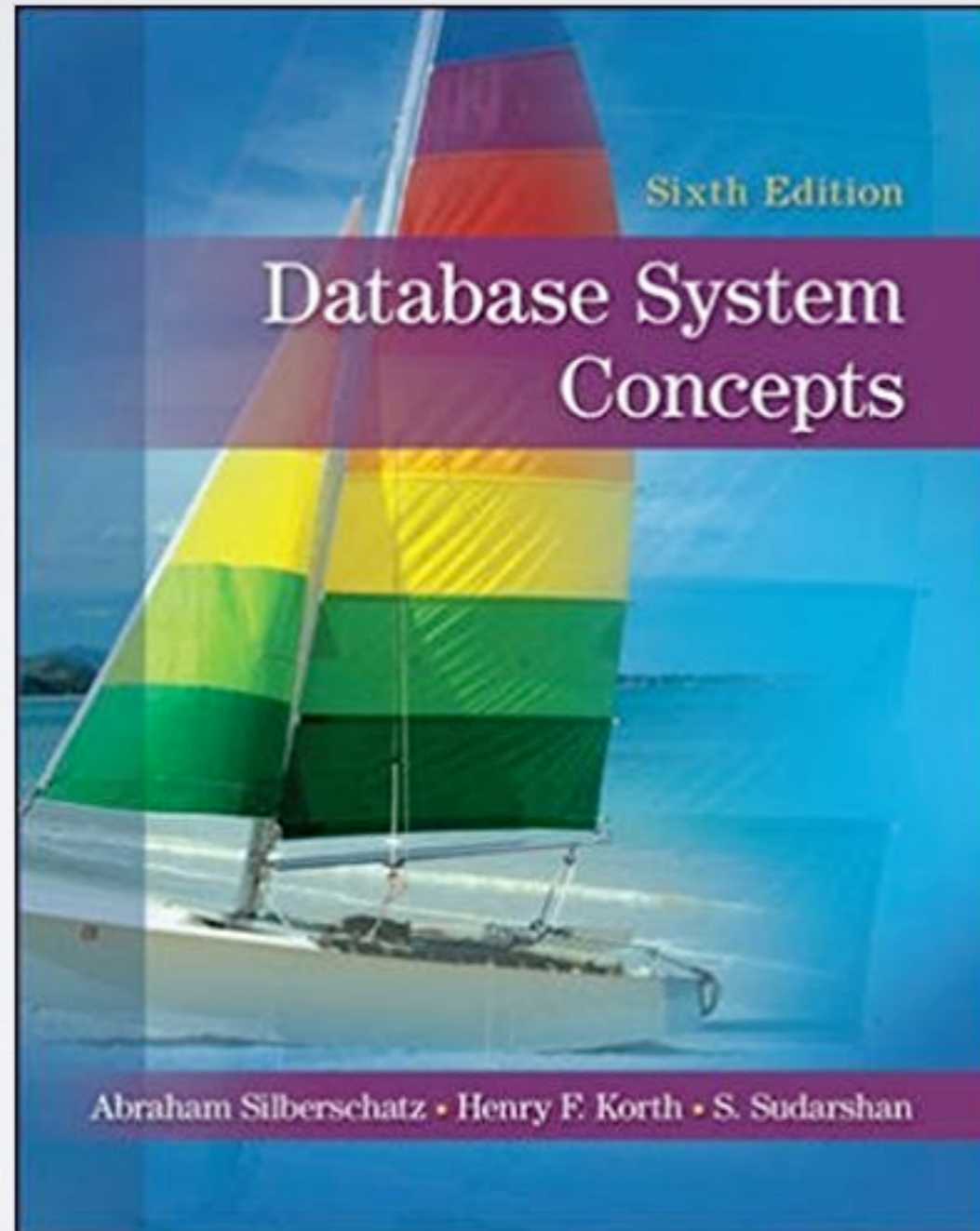
- Database Activities: 70%
- Midterms: 20% (10% each)
- Final Exam: 10%

# COURSE POLICIES

- Honor Code
- Accommodation
- Title IX



# COURSE MATERIALS



# COURSE SCHEDULE

<https://svu-falin.github.io/csc350/schedule.html>