



\$ 200 000 000

\$ 200 000 000 +
\$ 13 000 000 / year



Both owned by Larry Ellison, CEO of Oracle
It pays to know databases !

Course: CMSC 424 – Database design

Instructor: Mihai Pop

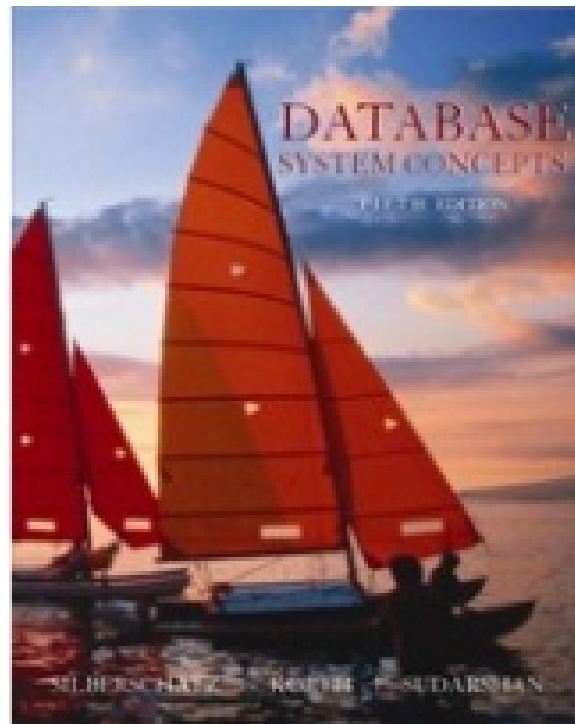
Times: TuTh 11:30-12:15

Location: CSIC 1121

Textbook: Database systems concepts.

Silberschatz, Korth, Sudarshan

McGraw Hill, ISBN 978-0-07-295886-7



Sailboats and databases seem to go hand in hand ...

What you will learn

- Models for data representation – Entity-relationship, relational
- SQL (structured query language) – language for interacting with databases
- Schema normalization – how to represent data efficiently
- Data storage – how databases store data on a disk
- Query processing and optimization – how a database decides how to most efficiently answer a query
- Transactions, concurrency and recovery – how databases deal with multiple users and with failures
- Parallel/distributed databases
- Databases on the web