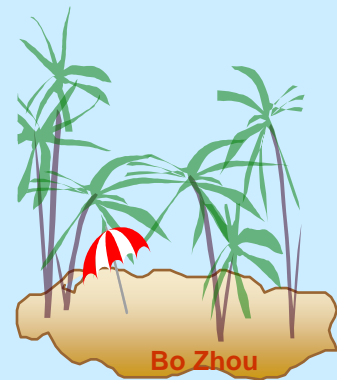# Database System
数据库系统

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Database Everywhere

- **Database Concepts and Technologies are the core courses of Computer Science and Technology.**

- **Database technologies are the most important components of computing technologies, been widely used in：**
  - Traditional database applications: Banking, Transportation, management systems, etc.
  - Any internet applications has database behind；
  - Data warehouse, OLAP, Data mining, business intelligence
  - Big Data and Artificial intelligence

- *Data companies make lots of money.*

Course Introduction

- **Foundation of database system**
  - The foundation of database concepts;
  - How to use DBMS to create a database application

- **Key components of DBMS**
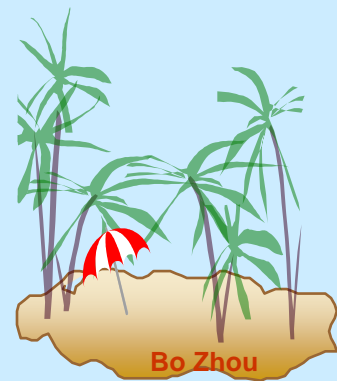 - How Database Management System works?

  Textbook：

  Database System Concepts (Seventh Edition)
  Abraham Silberschatz, Henry F. Korth, S.Sudarshan

  McGraw-Hill Press , 高等教育出版社
  http://www.db-book.com

Course Score

- 20％ Exercise ＋ In-class test
- 30％ Lab reports ＋ The Project
- 50％ Final exam

助教：王逸安 （联系方法到钉钉群问）