Overview Databases

Thomas Schwarz, SJ

Course Objectives

- Capability to select the appropriate DB architecture

- Capability to design, describe, and interact with a **relational database** using SQL

  - Modeling data

  - Designing and defining data

  - Recognizing functional dependencies and planning for them

  - Using SQL to insert, delete, update, search relations

  - Defining transactions

- Capability to design, define, and interact with non-relational databases

Grading

- Individual and group quizzes

- Homeworks

- Midterm and Final

Contact

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- Office Hours: MWF 12:00 - 13:00 or by appointment