

Introdução às Bases de Dados – Syllabus

Relational Databases

- Evolution and Applications

Modeling and Design

- Entities, Attributes and Keys
- Entity-Relationship Model
- Relational Algebra (very brief introduction)

Normalization

- Funcionais Dependencies
- Closures
- Normal Forms

A language for exploring relational databases

- SQL (DDL e DML)
- Queries: joins; aggregation functions and Views
- Consistency of data; *Triggers*