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OpenCourseWare

Database

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Main guide to follow the Unit 3.3. Introduction to MongoDB

The objectives of this course are mainly to gain knowledge about information systems and databases, which includes acquiring knowledge in the data model as a design tool to create a database.

The process of designing/using the relational model is learned, and practical experience using data language (SQL) to create, develop and manipulate a database is acquired. In addition, management and use of the database technology using commercial Database Management Systems (DBMSs) are learned.

This course covers not only relational databases but also the main fundamentals of current NoSQL databases. The experience in practical uses of a data language to create a NoSQL database is acquired. Finally, managing and using database technology using commercial NoSQL-type DBMSs are studied.

Unit 3.3. Introduction to MongoDB

The main objective of Unit 3.3 is:

- Introduction to MongoDB.
- Acquire knowledge in the design of NoSQL Databases with MongoDB.
- Gain experience using MongoDB.