DB-FND

Database Introduction

Description:

This two-day instructor-led course is focused on beginners in database area. It provides the knowledge needed for the design and modelling of databases, independent on database platform. Graduates will get acquainted with the procedure of relational database design and analysis, normalization, by designing ER database diagrams, an implementation of databases and SQL basics.

Students will be able to:

- Database design concepts
- Design the relational and analytical database
- Database diagrams modelling and use common ER database tools
- Perform normalization
- Implement the database model into a physical database model
- Basics of SQL

Course requirements:

- No prerequisites

This course is intended for:

- Developers and database designers
- Database administrators

Literature:

All participants will get OKsystem materials.

Hardware:

Classrooms are equipped with performing computers with Internet access, including wireless access.

Syllabus:

Chapter 1: Basic concepts

Chapter 2: Relation database design

- Database design
- ER Diagramms
- Normalization
- Database models

- Implementation

Chapter 3: Analytics database design

- Basic concepts
- Design
- Implementation

Chapter 4: SQL Language

- DDL syntax
- DML syntax

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