



Course – SQL and PL / SQL Training

SQL part

Introduction to SQL training

Definition of a database

Definition of a Database Management System

Define a relational model

Tables and referential integrity

Practical workshop: Installing tools (wampserver and mysqlworkbench)

Understand modeling

Vocabulary of the relational model

Normal forms

Practical Workshop: Creating a Conceptual Data Model

The data definition language (LDD)

Creating tables: syntax

Data types

Types of constraints

Changing the definition of a table

Deleting a table

Introduction to views

Indexes

Transactions overview

Practical workshop: Setting up and modifying the structure of our database

Data manipulation language (DML)

Insertion of lines (INSERT)

Insert multiple rows

Insert from a SELECT

Updated with UPDATE

UPDATE with subqueries

Deletion of registration (DELETE)

Practical Workshop: Modifying the contents of our database

The data query language (LID)

Projection

Selection (or restriction)

The join

Sorting

Practical Workshop: Extraction of data meeting a defined need using restriction criteria, operations and sorting.

Advanced Use

GROUP BY and HAVING

Arithmetic functions

String functions

Transactions: COMMIT and ROLLBACK

Data access control: GRANT, REVOKE

PL / SQL part

Understand PL / SQL

Structure of a PL / SQL program block

Use the Declare Clause

Use the Begin Clause

Creating stored procedures and functions

Running Stored Procedures and Functions

Nous contacter:
Doussou Formation
Email: info@doussou-formation.com
<http://doussou-formation.com>

