

About CRISP

CRISP is established under the Indo-German Technical Cooperation Agreement as an autonomous organization of the Dept. of Technical Education, Skill Development & Employment, Govt. of M.P.

CRISP provides technical training and consultancy services for Industry Personnel, Government Officers, Faculties of Academic & Training Institutions, Students & Jobseekers. CRISP is equipped with the state-of-the-art labs & technology, latest software, qualified, trained and experienced trainers in the relevant fields.

Other training programmes in CS/IT :

AI & Data Science:

- AI & ML
- Advance Data Analytics

Office Management With AI:

- Accounting with Tally Prime
- MS Office/Open Office
- Advanced Excel

Programming Languages:

- C & C ++
- Java(J2SE)
- CISCO Programming Essentials in Python

Networking & Cyber Security:

- CISCO IT Essentials (PCRM & Networking)
- CISCO Networking Essentials
- CISCO CCNA
- CISCO Cyber Security Essentials

Database Management:

- ORACLE (OCA)

Web Designings:

Web Development with Python & Django



Patron Clients of CRISP



Contact :

Sr. Manager (Marketing)

Mr. Faisal Jafri

Mobile : 98263-34406

email : faisal@crispindia.com

Course Co-ordinator

Mr. Mohan B. Muley

Mobile: 98272-45575

email : mohanbmuley@crispindia.com

Centre for Research and Industrial Staff Performance

(Established under Indo-German Technical Co-operation)

Opp. Manas Bhawan, Shyamla Hills, Bhopal - 462002

Phone : +91 755 2661401, 2661677

www.crispindia.com

TB 717/Issue 01/Rev.02

CRISP
ISO 9001 : 2015

ORACLE DATABASE (SQL AND PL/SQL)

ORACLE®

DATABASE

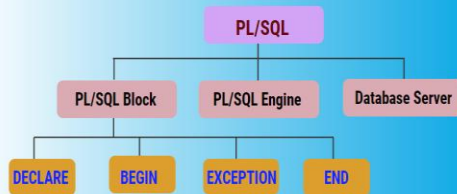


...unleashing the full potential of men & machines

ORACLE DATABASE (SQL AND PL/SQL)



What is PL/SQL?



www.educba.com



Introduction of Course

Oracle certification is a program designed by Oracle Corporation to demonstrate competence with Oracle databases. CRISP is an authorized partner in Education with ORACLE under the Workforce Development Program (WDP).

CRISP and ORACLE jointly offer Professional level certifications, which are mandatory for professional ORACLE database designers and developers.

Course Contents

Basic and Advanced RDBMS Concepts

- Advanced Entity Relationship Modeling Concepts
- Distributed Database Systems
- Normalization and application of different normal forms
- Instances, schemas, integrity constraints
- Query Processing, Optimization and Database Tuning
- OLAP and OLTP systems
- DataWarehouse and Data Mining

Oracle Database : Introduction to SQL

- Oracle Database 18g Main features
- Writing SQL SELECT statements
- Restricting and Sorting Data
- Reporting Aggregated Data Using the Group Functions
- Advanced Sub-Queries to solve queries
- Manipulating Data
- Using DDL statements to create and manage tables
- Creating and managing schema objects
- Controlling User Access
- Generating Reports by grouping related data
- Managing data in different time zones
- Hierarchical Retrieval

Oracle Database: Program with PL/SQL

- Write Executable Statements
- Interaction with the Oracle Server
- Composite Data Types, Control Structures
- Implicit and Explicit Cursors
- Exception Handling, Deploying Packages
- Stored Procedures, Stored Functions and Debugging Subprograms
- Implement Oracle-Supplied Packages in Application Development
- Dynamic SQL, PL/SQL Compiler
- Creating Compound, DDL and Event Database Triggers

Methodology

The programme consists of a mix of :

- Lectures and presentations
- Demonstrations
- Interactive discussions
- Hands-on practice

Pre-requisite

- Industry personnel with relevant experience.
- Graduates or students pursuing Degree/ Diploma in any stream
- Engineering students (All streams)
- Basic knowledge of Computers and DBMS

Duration

Full time : 5 working days (8 hours/day)

Part time: 4 weeks (20 working days, 2 hours/day)

Course Fee

Corporate participant: Rs.20,000/- (Non Residential) +GST

Fee will be subsidized for Jobseekers/students

Mode of Payment

Cash / UPI/ Online/ Debit/ Credit Card