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iNFOBYTE ®
— CAREER INSTITUTE —

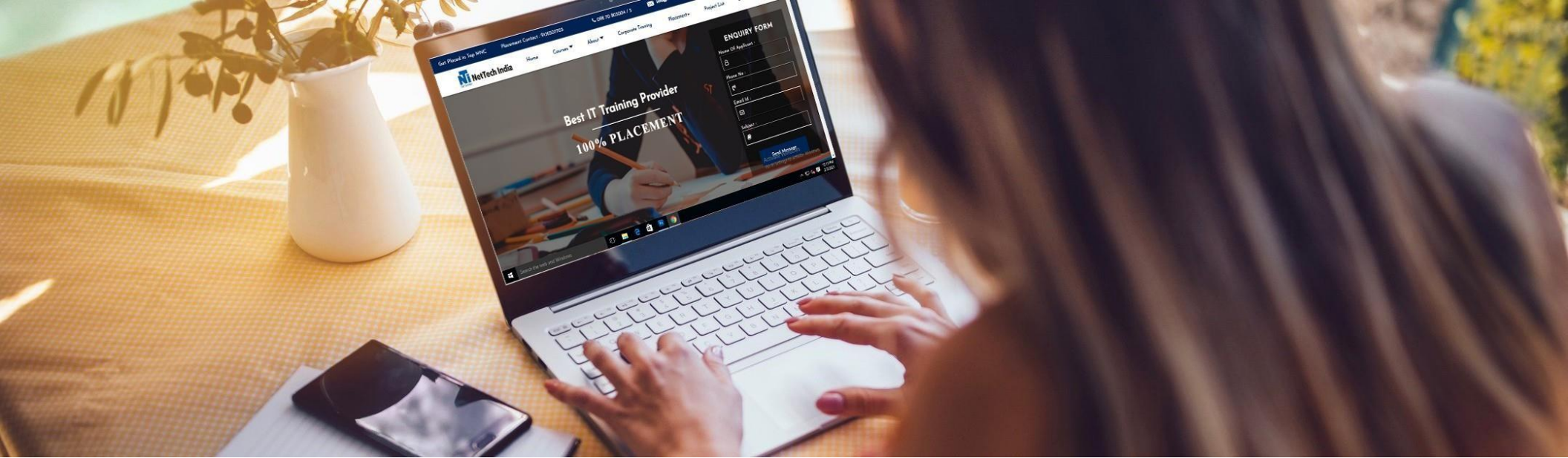## Advanced Certification Course in

SQL

- Practical Training
- Training From Expert Trainer

- Interview Preparation
- Complete Placement Assistance

CERTIFICATIONS OPTIONS AVAILABLE

JGi

JAINx
THE LEARNING HUB

JAIN
DEEMED-TO-BE UNIVERSITY

W³
schools

ORACLE

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ABOUT US

Infobyte Computers offers a high-quality learning experience in the field of IT training students on brand new technologies and train them to deliver the desired results with commercially relevant and re-organized technical skills.

The probability of achieving your dream job will keep on increasing day by day once you complete a course in **Infobyte Computers** We also focus on improving soft skills in terms of communication, leadership, teamwork, external appearance, and attitude which helps everyone to be professional in all the aspects of their career.

25%
Theory

75%
Practicals

ABOUT
SQL CERTIFICATION

Infobyte Computers SQL training course is meant for the developers who want learn to about the descriptive depending learning on various database concepts for working on the relationship database. The important topics of the course entail relational database queries, subqueries, joins, queries and unions. After learning about this course, the candidate will be able to gain proficiency in optimization, indexing transaction, installation of SQL server and clustering.

SQL

BENEFITS OF
SQL CERTIFICATION

- Career Growth - Higher Pay & Position

- Encourages professional Development

- Enriches self-image and Reputation

- Enhances professional Credibility.

- Abundant Job Opportunities

- Used In Many Industries

- Global Recognition

- Secure and Flexible

- 50+ Case Studies

- 50+ Projects

TABLE OF CONTENTS

Learn to Restrict and Sort Data

- Write queries that contain a WHERE clause to limit the output retrieved List the comparison operators and logical operators that are used in a WHERE clause
- Describe the rules of precedence for comparison and logical operators Use character string literals in the WHERE clause
- Write queries that contain an ORDER BY clause to sort the output of a SELECT statement

- Sort output in descending and ascending order

Usage of Single-Row Functions to Customize Output

- Describe the differences between single row and multiple row functions
- Manipulate strings with character function in the SELECT and WHERE clauses
- Manipulate numbers with the ROUND, TRUNC, and MOD functions Perform arithmetic with date data
- Manipulate dates with the DATE functions

Invoke Conversion Functions and Conditional Expressions

- Describe implicit and explicit data type conversion
- Use the TO_CHAR, TO_NUMBER, and TO_DATE conversion functions Nest multiple functions
- Apply the NVL, NULLIF, and COALESCE functions to data Use conditional IF THEN ELSE logic in a SELECT statement

Aggregate Data Using the Group Functions

- Use the aggregation functions in SELECT statements to produce meaningful reports
- Divide the data into groups by using the GROUP BY clause
- Exclude groups of data by using the HAVING clause

Display Data From Multiple Tables Using Joins

- Create a simple and complex view
- Retrieve data from views
- Create, maintain, and use sequences
- Create and maintain indexes
- Create private and public synonyms

Use Subqueries to Solve Queries

- Describe the types of problem that sub-queries can solve
- Define sub-queries
- List the types of sub-queries
- Write single-row and multiple-row sub-queries

The SET Operators

- Describe the SET operators
- Use a SET operator to combine multiple queries into a single query
- Control the order of rows returned

Data Manipulation Statements

- Describe each DML statement
- Insert rows into a table
- Change rows in a table by the UPDATE statement
- Delete rows from a table with the DELETE statement
- Save and discard changes with the COMMIT and ROLLBACK statements
- Explain read consistency

Use of DDL Statements to Create and Manage Tables

- Categorize the main database objects
- Review the table structure
- List the data types available for columns
- Create a simple table
- Decipher how constraints can be created at table creation
- Describe how schema objects work

Other Schema Objects

- Create a simple and complex view Retrieve data from views
- Create, maintain, and use sequences Create and maintain indexes
- Create private and public synonyms

Control User Access

- Differentiate system privileges from object privileges
- Create Users
- Grant System Privileges
- Create and Grant Privileges to a Role Change Your Password
- Grant Object Privileges How to pass on privileges?
- Revoke Object Privileges

Management of Schema Object Add,

- Modify and Drop a Column Add,
- Drop and Defer a Constraint
- How to enable and disable a Constraint?
- Create and Remove Indexes
- Create a Function-Based Index
- Perform Flashback Operations
- Create an External Table by Using ORACLE_LOADER and by Using

ORACLE_DATAPUMP

Query External Tables

Manage Objects with Data Dictionary Views

- Explain the data dictionary
- Use the Dictionary Views
- USER_OBJECTS and ALL_OBJECTS Views
- Table and Column Information
- Query the dictionary views for constraint information
- Query the dictionary views for view, sequence, index, and synonym information
- Add a comment to a table

Manipulate Large Data Sets

- Use Subqueries to Manipulate Data
- Retrieve Data Using a Subquery as Source
- Insert Using a Subquery as a Target
- Usage of the WITH CHECK OPTION Keyword on DML Statements
- List the types of Multi-table INSERT Statements
- Use Multi-table INSERT Statements
- Merge rows in a table
- Track Changes in Data over a period of time

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Retrieve Data Using Sub-queries

- Multiple-Column Subqueries
- airwise and No pairwise Comparison
- Scalar Subquery Expressions
- Solve problems with Correlated Subqueries
- Update and Delete Rows Using Correlated Subqueries
- The EXISTS and NOT EXISTS operators
- Invoke the WITH clause
- The Recursive WITH clause

Regular Expression Support

- Use the Regular Expressions Functions and Conditions in SQL
- Use Meta Characters with Regular Expressions
- Perform a Basic Search using the REGEXP_LIKE function Find
- patterns using the REGEXP_INSTR function
- Extract Substrings using the REGEXP_SUBSTR function
- Replace Patterns Using the REGEXP_REPLACE function
- Usage of Sub-Expressions with Regular Expression Support
- Implement the REGEXP_COUNT function

And Many More...

WHO CAN LEARN ?

- Anyone who wants to build a career as a Data Scientist

- Anyone who wish to gain knowledge about Programming

- Students who are currently in college or university

CAREER OPPORTUNITIES

- Database Developer

- Data Scientist

- Database Administrator

- Quality Assurance Tester

- Researcher / Educator

- Database Migration Engineer

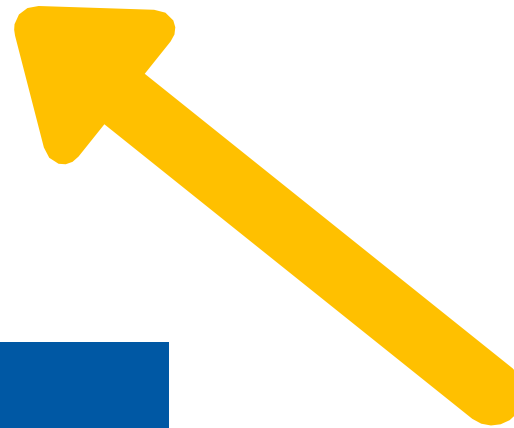- SQL Data Analyst

and Many More...

OUR RECRUITERS

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Infosys

amazon

DELL

airtel

MYNTRA.com

Capgemini
CONSULTING.TECHNOLOGY.OUTSOURCING

RELIANCE

MPHASIS
an HP company

TEXAS INSTRUMENTS

TATA indicom

SYNTEL
Consider IT Done

bharti

accenture

netmagic
An NTT Communications Company

sify

NeoSoft
Technologies Pvt. Ltd

ORIENT TECHNOLOGIES
AN IT INFRASTRUCTURE SOLUTIONS AND SERVICES ENTERPRISE

ns network solutions

MATRIX
TELECOM SOLUTIONS

Mastek

Mahindra

TATA
TATA CONSULTANCY SERVICES

L&T Infotech

Godrej

and Many

FACILITIES OFFERED

- Practical Training on Live Projects

- Complete Placement Assistance

- Interview Preparation

- Global Certification

- Fully functional labs

- Online / Offline Training

- Study Materials

- Expert Level Industry Recognized Training