



# NetTech India



## Post Graduate Certification Program in **FULLSTACK DEVELOPMENT**

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# CERTIFICATIONS OPTIONS AVAILABLE



CancanIT  
Professional certification  
for web Developers  
[www.cancanit.com](http://www.cancanit.com)





# ABOUT US

**NetTech India Training Institute** offers a high-quality learning experience in the field of IT training to train 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 **NetTech India**. 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

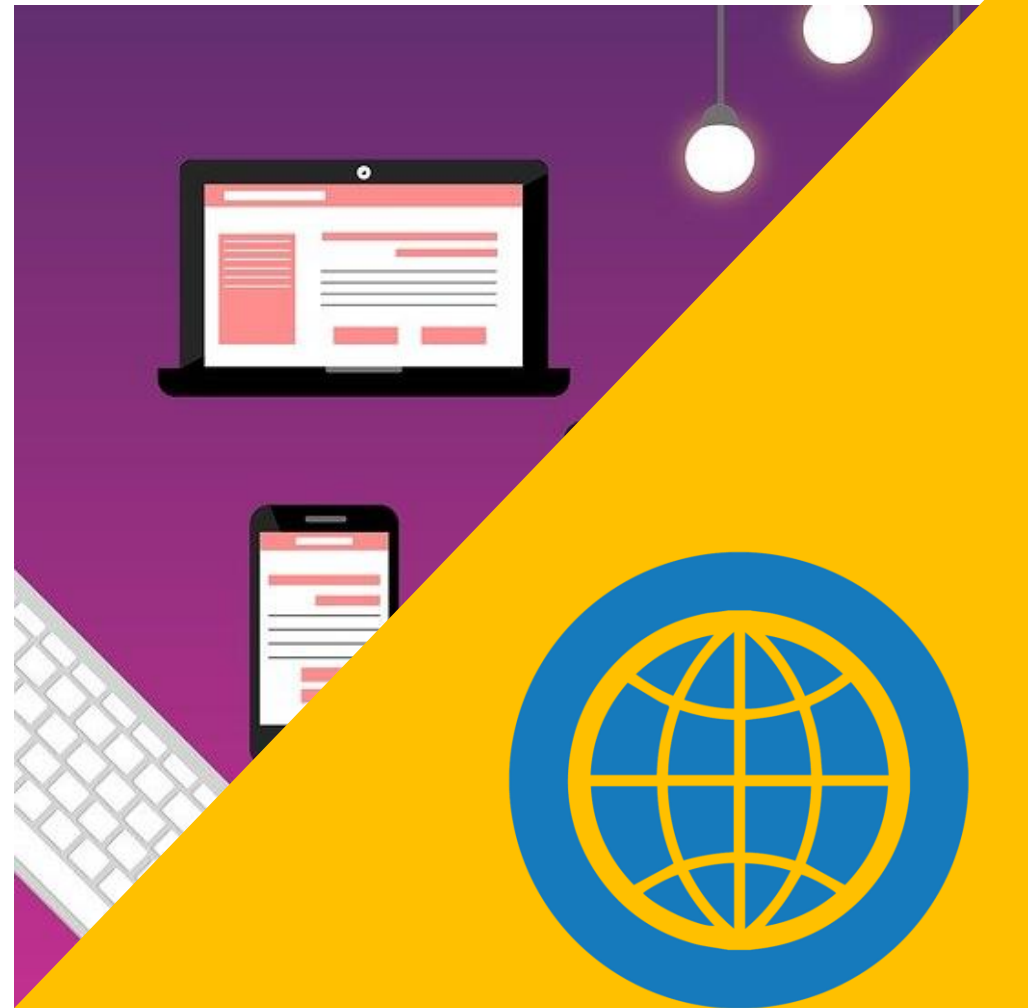


**75%**  
Practicals

# **ABOUT**

# **FULL STACK DEVELOPMENT**

NetTech India Full stack web developer training makes you an expert in the field Of back-end and front-end web technologies The course includes training in Web development, jQuery, NodeJS, Express JS, and MongoDB. The curriculum is designed based on extensive research. The course topics might vary and it may include HTML 5, CSS3, JavaScript, Manipulation, Ajax, Google API, JQuery, forms, REST API, SPA, DOM Manipulation, Angular CLI, MVC Framework, EJS Template, Handlebars, NoSQL, Socket IO, Hapi, Mongo DB architecture, Schema Design, DataModeling, indexing, to name a few.



# **BENEFITS OF FULL STACK DEVELOPMENT**

- 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
- 10+ Projects



# TOPICS COVERED

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- HTML
  - CSS
  - JAVASCRIPT
  - JQUERY
  - PHP
  - MYSQL
  - PYTHON
  - SQL
  - BOOTSTRAP
  - REACT JS
-

## OBJECTIVES:

- This progressive HTML5, CSS3, JAVASCRIPT, and J-QUERY combo course, webrings forth yet another blended training module comprising of two of the most popular and rapidly emerging technologies.
  - HTML5 and CSS3 is the next big thing in the world of web development.
  - HTML5 has risen to the status of a core markup language in the world wide web due to a number of new attributes and elements that are apt for use in modern websites.
  - This training will also teach you how to: code application logic in web applications with the use of JavaScript, store local data using JSON, create HTML5 pages to parse data with the use of HTML5 forms, build the DOM, build responsive layouts with CSS3, and describe on HTML5 canvas.
-



## Overview of HTML5:

- Introduction, The HTML5 Advantages, HTML vs. HTML5, What's new in HTML5, Semantic Markup, New HTML5 Semantic Tags.

## The Canvas API:

- Introduction, Understanding Canvas, Context, Coordinates, Browser Support & Alternate Content, Working with Canvas, Checking for browser support, Writing Text on Canvas, Drawing a line, Applying Transformations to Drawings, Translate in Canvas, Working with Stroke Styles, Working with Rectangle, Working with Fill Styles, Working with Curves, Insert Image into Canvas, Linear Gradient, Radial Gradient, Background Pattern, Scaling Canvas Object, Canvas Text, Applying Shadows Scalable Vector Graphics in HTML5 Overview of HTML 5 & CSS3, Working with SVG in HTML5, Transforming SVG, Reusing SVG Elements, Drawing Paths, Using Patterns and Gradients with SVG, A small Application using SVG, Multimedia in HTML5, Introduction to Multimedia, Codecs, and Containers, Browser support for Audio/ Video, Checking the Browser Support.
-



Working with Audio/ Video Elements, Using Autoplay, More attributes, Control Functions, Adding Subtitles  
for Accessibility, Exclusive Video Attributes, Video Timeline Browser

## **Understanding Geolocation API**

- Overview, Sources of Location Information, Privacy Protection, Checking for Browser Support, Position Request, One-Shot Position Request, Repeated Position Updates, Showing Location on Google Map

## **Working with Forms API**

- Overview of Forms, Functional Forms, The Input Catalog, Common Input Types like, text, password, submit, radio,checkboxHTML 5 & CSS 3, button, HTML5 Input Types, number, date, color, range, month, week, time, date time local,email,search, tell, url, HTML5 Form Attributes and Functions, Validating Form Elements in HTML5, A complete Application

## **Communications API in HTML5**

- Introducing Cross Document Messaging, Sending a message, Receiving a message, Listening to the Message Events, Sample Application using postMessage. Progress Events, Cross-Origin Requests, Using Progress Events, Complete Application,

## **Working with WebSockets**

- Understanding WebSockets, WebSocket Handshake, WebSocket Interface, Methods, WebSocket Framing, Adding Event Listeners,

## **Working with Web Workers**

- Understanding Web Workers, Web Workers API, Browser Support, HTML 5 & CSS 3 Working with Web Workers, Initialization, Stopping, Error Handling, Shared Web Workers

## **Working with Drag-and-Drop**

- Understanding the Concept, Drag-and-Drop API HTML5, Drag-and-Drop Events, The Event Flow, Functions and Properties, FileHandling, A complete Application

## **Using Storage APIs**

- Understanding Storage Setting and Retrieving Values, Resolving Data Leaks, Storage API Attributes and Functions, Web Storage Updates, Web Storage Explained Complete Implementation

## **Offline Web Applications with HTML5**

- Offline Web Applications, Cache and Web Application, Cache Manifest File, Complete Illustration.

**And Many More...**



## **Introduction to CSS3**

- Brief Description, Writing CSS, Defining Styles External Style Sheets, Inline Style Sheets, Declaration Block, Selectors, Browser-specific Prefixes, Adding Comments to a CSS

## **Basic Selectors**

- Understanding Selectors, The Document Object Model (DOM) HTML 5 & CSS3, Working of Selectors, Types of Selectors, Universal Selectors, Type Selectors, Class Selectors, ID Selectors, Descendant Selectors, Attribute Selectors, Pseudo-classes, Pseudo-elements, Grouping Selectors, Styling Links, Playing with Cursor

## **Working with Sizes, Colors, and Files**

- Sizes and Measuring Units, Relative Units, Example of Relative Units, Angles, Computing Length Values with calc(), Exploring Colors, Color Names, Hexadecimal Notations, RGB Format, RGBA Format, HSL Format, HSLA Format, Background Images.

## Styling Text

- Working with Fonts, font-family, font-size, font-style, font-variant, font-weight, Dealing with Line Spacing, Changing the Text Color, Text Formatting, text-align, HTML 5 & CSS 3, text-decoration, text-indent, text-transform, vertical-align, white-space, text-overflow, Adding Text Shadows, Text Shadow, Adding Blur Effect to Shadow, White Text with Black Shadow, Adding Multiple Shadows.

## Web Fonts

- Desktop Fonts vs. Web Fonts, Adding Web Fonts to Sites, Font Hosting Service, Storing Fonts to the Web Server, Font Formats and the Supporting Browsers, Embedding Web Fonts

## Background, Borders, and Shadows

- CSS Background, background-color, background-image, background-repeat, background-position, background-attachment, Adding Multiple Images to the Background, Defining Borders, Border-style, Border Width, Border Color, Border Shorthand, Additional Border Properties, Single-Sided Border, Border with Alpha Transparency, Rounded Corner Borders, Using Border Images, Image Border Properties, Adding Drop Shadows, Adding Drop Shadow.

## **Gradients without Images**

- Understanding Gradients, Creating Linear Gradients, Browser support, Specifying Colors, Specifying Direction, Controlling Transparency, Creating Radial Gradients, Differently Spaced Color Stops, Specifying Shape, Specifying Size, Repeating Gradients, Using Multiple Gradients

## **Advanced Selectors**

- Why Advanced Selectors, First, Last and Only Child Instances, first-child Selector, last-child Selector, only-child Selector, first-of-type Selector, last-of-type Selector, Difference between first-child and :first-of-type, Styling Selectors Based on Positions, Styling Selectors Based on Relationships, Styling Selectors Based on States, Negative Selectors, Other Pseudo Classes

## **Lists and Navigation Menus**

- Working with Lists, List Styling Properties, Navigation Menus, Creating Vertical Navigation Bars, Creating Horizontal Navigation Bars

## **Exploring Generated Content**

- What is Generated Content, Inserting the Generated Content, Setting the Selectors Attribute as Generated Content

## **Transforms and Transitions**

- Transforms in CSS3, Changing the Transform Origin, 2D Transform Methods, CSS3 Transitions, The transition The property, Controlling the Transition Speed Curve. Delaying the Transitions, Adding Transformation to the Transition

## **Animating Elements with Keyframes**

- Animation vs. Transitions, Creating Animations Using Keyframes, @keyframes Rule, Animating a TextExample, Delaying Animations, Running Animation for a Number of Times, Setting the Animation Play State, The animation-fill-mode, Setting the Animation Direction, Setting the Speed Curve of Animation,

## **Styling Tables**

- Table Structure, Table Border, Table Headings, Cell Padding, Aligning Data, Table Cells Spacing Many Columns, Table Cells Spacing Many Columns, Adding Caption to a Table and Defining Styles for tables, Grouping Table Rows, Table Layout Interpretation by Browsers



## **Elements Positioning**

- Understanding the Elements Positioning, Positioning Types, Positioning Elements, Specifying the Position Type, Overlapping Elements, Fixing Elements in the Browser Window, Creating Tooltips, Styling Tooltips, Drop Down Menus, Creating Child Selectors, Creating submenus, Masking an Absolutely Positioned Element

## **Working with Layouts**

- Introduction to CSS Box Model, Setting Element Dimensions, Setting Box Size, Height and Width, Paddings and Margins, Specifying Paddings, Specifying Margins, Collapsing Margins, Removing Default Margins, Changing Layout with the display, Controlling Visibility, Floating Elements, The float Property, Specifying Margins with Floating Elements, Clearing Float, Centering the Image, Adding Captions to Images, Using Multiple Classes

## **Multi-Column Layouts with CSS3**

- The Multi-Column Layout, Multi-Column Properties, Specifying Multiple Columns, Specifying the Column Gap HTML 5 & CSS 3, Setting the Rule between ColumnsSpanning Columns, Specifying the Column Width, Filling the columns, Dealing with Column Breaks

## **Dealing with Cross Browser Layouts**

- Creating Columnar Layouts using a float, Single-Column Layout, Two-Column Layout using a float, Three-Column Layout, Introducing Flexbox, The flex Properties.

## **Media Queries**

- Understanding Media Queries, Specifying Media Queries, Media Features, Media Query Expressions, A Complete Illustration, Media Queries with Alternative Conditions, Setting Viewport, The HTML meta Tag, The viewport CSS, Handling Images with Media Queries

## **Print CSS3**

- Introduction, Media Types, The @media Rules, Defining Page Margins, Specifying Page Breaks, Breaking Content

## **And Many More**

# JAVA SCRIPT

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- Introduction to JavaScript,
  - Introduction to web development and JavaScript,
  - How to create a JavaScript application,
  - How to test and debug a JavaScript, application, XHTML, CSS,
  - How to get input and displays output,
  - How to work with numbers, strings, dates,
  - How to code control statements,
  - How to create and use an array,
  - How to create and use the function,
  - How to create and use objects,
  - How to use regular expressions, handle exceptions and validate data dom Scripting, Basic DOM scripting, Advanced event handling, Advanced DOM manipulation,
  - How to script CSS,
  - How to script tables and forms, Animation with DOM scripting, Other JavaScript Skills,
  - How to control the web browser, How to use JavaScript libraries
-

# JQUERY

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- The jQuery Basics and managing the Element Selection.
  - Manipulating the DOM. Manipulating the Elements.
  - Working with Events.
  - Using jQuery Effects.
  - Working with Data and Ajax.
  - Using DataTemplates.
  - Working with Forms.
  - Using jQuery UI.
  - Button, Progress Bar, and Slider Widgets, Autocomplete and
  - Accordion Widgets, Tabs Widget, Datepicker Widget, Dialog Widget,
  - Drag & Drop Interactions, Other Interactions,
  - Using jQuery Mobile,
  - Getting Started with jQuery Mobile, Pages, and Navigation,
  - Dialogs, Themes, and Layouts,
  - Buttons and Collapsible Blocks Using jQuery Mobile Forms,
  - jQuery Mobile Lists,
  - Advanced Features: Using the jQuery Utility Methods,
  - The jQuery UI Effects & CSS Framework,
  - Using Deferred Objects
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# PHP&MYSQL

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- PHP & MySQL Developer course aims to give participants a powerful open platform, for creating database-driven websites.
- This PHP MySQL training is recommended for professionals and students who wish to learn web development and existing developers who want to expand their skill set.
- It lets professionals create dynamic web pages that readily interact with databases.
- This is a great benefit if you wish to build web based software applications.

- **Introduction:** Web Development with PHP. The architecture of a web application. Basic PHP skills to get data from a request. Work with data.
  - **Control statements:** Code the conditional expressions, the selection structures, and the iteration structures
  - **Strings and Numbers:** Work with strings and numbers. Other skills for working with strings and numbers.
  - **Work with dates:** Use timestamps to work with dates and use objects to work with dates
  - **Create and use Arrays:** Create and use an array. Create and use an associative array. How to use functions to work with arrays. How to work with an array of arrays.
  - **Create and use functions:** Basic skills for working with functions. Create and use namespaces. Advanced skills for working with functions
  - **Work with cookies and sessions:** Work with cookies and sessions.
  - **Work with form data:** Get data from a form and display data on a web page.
  - **Use regular expressions, handle exceptions, and validate data:** How to use regular expressions. How to handle exceptions.
  - **Design a database:** How to design a data structure. How to normalize a
  - **data structure:** A database design tool
-

# MYSQL

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- **Introduction:** An introduction to a relational database. The SQL statements for data manipulation. An introduction to MySQL. How to use PHP MyAdmin.
  - **Use SQL to create a MySQL database:** How to work with databases. How to work with tables. How to work with indexes. How to work with users and privileges. Other skills for creating a databases
  - **Use SQL to work with a MySQL database:** Select data from a single table? Select data from multiple tables? Code summary queries? How to code sub- queries. How to insert, update, and delete rows.
  - **PHP for working with MySQL:** Ways to use PHP to work with MySQL. How to work with PDO. How to work with MySQL
  - **PHP with a MySQL database:** PHP for working with MySQL. How to get data from a result set
  - **Working with PHP services:** SOAP.REST
-



- **MVC pattern to organize your code:** How to use the MVC pattern.
- **Object-oriented Programming concept with PHP:** Create and use classes. How to code class constants, properties, and methods. Working with objects. How to work with inheritance
- **Test and debug a PHP application:** An introduction to testing and debugging. How to debug with xDebug and Net beans
- **A database-driven website:** How to work with large text columns.
- **Create secure websites:** How to use a secure connection. How to use authentication. How to work with encrypted data.
- **Send email and access other websites:** How to send an email. How to get data from other servers.

- Forms in Bootstrap
- Input groups in Bootstrap
- Alerts & Progress bars in Bootstrap
- Tables & Pagination in Bootstrap
- Cards in Bootstrap
- Media Objects
- Grid System in Bootstrap
- Grid Alignments in Bootstrap
- Flex boxes in Bootstrap
- Auto margin & wrapping order in Carousels in bootstrap
- Collapse classes in Bootstrap
- Tooltips in Bootstrap
- Opovers in Bootstrap
- Modals in bootstrap

# PYTHON

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## 1. Introduction to Python

- History of Python
- Why to learn python
- How is Python Different?
- Installing Python

## 2. Python Interpreter

- Using the interpreter
- Integrated Development Environments (IDE) How to run Python programs?

## 3. Basics of Python

- Variable
- Keywords
- Statements & Comments
- Indentation
- Data types

- Static Typing vs Dynamic Typing
- Input and output
- Operators Arithmetic operator Relational Operator Assignment Operator
- Logical operator Bitwise operator Membership Operator
- Identity Operator

#### **4. Control Flow**

- If statement
  - If - else
  - If – elif -else
  - Nested if-else
  - while loop
  - for – in loop
  - Nested for loop
  - Nester while loop
  - Loop with else
  - Pass statement
  - Break and continue
-

## 5. Functions

- Basics Defining function
- function call Return statement
- Function with parameter and without parameter
- Function parameters Call by value or call by reference local and global variable
- Recursion, Anonymous (lambda) function
- User define functions
- Examples

## 6. Modules

- Defining module
- How to create a module
- Importing module
- Dir()
- Module search path
- Reloading a module
- Sys module
- Os module
- namespace

## **7. Package**

- Defining package
- How to create the package
- Importing package
- Installing third party packages

## **8.Numeric Types**

- Numeric type basics
- Hexadecimal, Octal, and Binary Notation Complex Numbers
- Typecasting Numeric Functions
- Random number generation(Using Random Modules)

## **String**

- Defining a string
- Different ways to create string Accessing elements of the string Escape sequence
- Raw string String methods String formatting Expressions

## 10. List

- Defining a list
- Creating list
- Accessing list elements of list
- Deleting list
- List methods
- Functions used with list
- List comprehension
- Implementation of stack and queue using list
- Use of Zip ()
- Matrix operations using list

## 11. Tuple

- Defining a tuple
- Creating a tuple
- Accessing elements of the tuple
- What is Immutability
- List vs tuples
- Tuple Methods Functions used with tuple
- Advantage of Tuple



## **12. Dictionary**

- Defining a dictionary
- Creating a dictionary
- Accessing elements of the dictionary
- Deleting a dictionary
- Dictionary methods
- Dictionary Comprehension

## **13. Set**

- Defining a set
- Creating set
- Set operations
- Set methods
- Set comprehension

## **14. Files**

- Defining a file
- Types of file operations
- Opening a File
- Closing file
- File modes

- File attributes
- Writing to file
- Reading from file
- Appending to file
- File positions
- Binary file
- Pickle module

## **15. Exception Handling**

- Defining an exception?
  - Default exception handler
  - Exception handling techniques
    - a. Detecting Exception (try)
    - b. Catching exceptions (catch)
    - c. Catching multiple exceptions
    - d. Raising exception (raise) Finally block
  - User-defined exceptions
-

## **16. Object-Oriented Programming**

### **OOPS concepts Defining**

#### **Class Creating object**

- Method vs function Calling methods
- Instance attribute vs class attribute
- Instance method vs class method
- Private attribute and method Static Method
- Method Overloading Constructor
- Method Overriding Constructor
- List of objects Inheritance
- Examples

## **17. Multi-Threading**

- Process-based multitasking
- Thread based multitasking
- Creating a Thread without using class
- Creating thread using class
- Sleep() method
- Join() method Getting and setting the name of the Thread Logging module
- Synchronization
- Lock concept
- Object-Oriented

- Inter thread communication
- Is\_Alive() method
- Active\_count() method
- Enumerate() method
- Current\_thread() method
- Daemon Thread

## **18. GUI Programming with Tkinter**

- Introduction to Tkinter
- Creating a window Tkinter widgets Label
- Button Entry Messagebox List
- Radio Button CheckButton Creating Frame
- Creating Menu Assignments on Tkinter
- Examples

## **19. Event Handling**

- Defining an event
  - Bind() method
  - Mouse events
  - Keyboard events
  - Examples
-

## **20. Data Base Programming**

- Introduction to MySQL.connector module, Connecting to the database by using MySQL, Creating a table by MySQL
- Performing SQL operations, Introduction to mysql, Installing mysql, Creating database using mysql
- Connecting MySQL database from python, Creating a table, Performing SQL operations
- Examples

## **21. Networking**

- Introduction to Network programming, Ip address, Port NumberSocketmodule, Server socket, Client socket, Socket methods, TCP socket, UDP socket
- Create server-client examples

## **22. Conversion of Python script to executable file**

- Defining an executable file , Deploying the application

## **24. LIVE PROJECTS**

- Create GUI and store data in the Database. (5-day session) Create a server-client program. (using TCP )

**And Many More...**



## **Oracle SQL 12C :- Exam code: 1Z0-061**

### **Introduction to Oracle Database**

- List the features of Oracle Database 12c
- Discuss the basic design, theoretical, and physical aspects of a relational database
- Categorize the different types of SQL statements
- Describe the data set used by the course
- Log on to the database using SQL Developer environment Save
- Queries to files and use script files in SQL Developer

### **Retrieve Data using the SQL SELECT Statement**

- List the capabilities of SQL SELECT statements
- Generate a report of data from the output of a basic SELECT statement Select All Columns
- Select Specific Columns
- Use Column Heading Defaults
- Use Arithmetic Operators
- Learn the DESCRIBE command to display the table structure
- Understand Operator Precedence



## **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...**

# BOOTSTRAP

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- Introduction
  - What is Bootstrap?
  - Features of Bootstrap
  - History of Bootstrap Bootstrap Overview
  - Bootstrap Installation
  - Tools Used for Web Development
  - Setting Development Environment
  - Bootstrap First Application
  - Bootstrap Components Overview
  - Basic Typography
  - Text Alignment & Display
  - Floats Position in Bootstrap
  - Colors Background
  - Spacing in Bootstrap
  - Sizing in Bootstrap
  - Breakpoints in Bootstrap
  - Buttons in Bootstrap
  - Navbars in Bootstrap
  - List groups and Badges in Bootstrap
-



# REACT JS

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## 1. REACTJS – OVERVIEW

- React – Features
- React – Advantages
- React – Limitations

## 2. REACTJS – ENVIRONMENT SETUP

- Install Global Packages
- Create the Root Folder
- Add Dependencies and Plugins
- Create the Files
- Set Compiler, Server, and Loaders
- index.html
- App.jsx and main.js
- Running the Server

## 3. REACTJS – JSX

- Using JSX
- Nested Elements
- Attributes
- JavaScript Expressions
- Styling

- Comments
- Naming Convention

#### **4. REACTJS – COMPONENTS**

- Stateless Example
- Stateful Example

#### **5. REACTJS – STATE**

#### **6. REACTJS – PROPS OVERVIEW**

- Using Props27 Default Props
- State and Props

#### **7. REACTJS – PROPS VALIDATION**

- Validating Props

#### **8. REACTJS – COMPONENT API**

- Set State
- Force Update
- Find Dom Node

#### **9. REACTJS – COMPONENT LIFE CYCLE**

- Lifecycle Methods

## **10. REACTJS – FORMS**

- Simple Example
- Complex Example

## **11. REACTJS – EVENTS**

- Simple Example
- Child Events

## **12. REACTJS – REFS 51**

- Using Refs..51

## **13. REACTJS – KEYS 53**

- Using Keys .53

## **14. REACTJS – ROUTER**

- Install a React Router
- Create Components
- Add a Router

## **15. REACTJS – FLUX CONCEPT**

- Flux Elements
- Flux Pros

## **16. REACTJS – USING FLUX**

- Install Redux
- Create Files and Folders

- Actions
- Reducers
- Store
- Root Component
- Other Components

## **17. REACTJS – ANIMATIONS**

- Install React CSS Transitions Group
- Add a CSS file
- Appear Animation
- Enter and Leave Animations

## **18. REACTJS – HIGHER ORDER COMPONENTS**

## **19. REACTJS – BEST PRACTICES**

## **20. Nodejs – CRUD Operations.**

**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**

- Frontend Web Developer
- Backend Web Developer
- UI/UX Developer
- Web Application Developer
- Web Analyst
- Senior Developer

**And Many More...**



# OUR RECRUITERS

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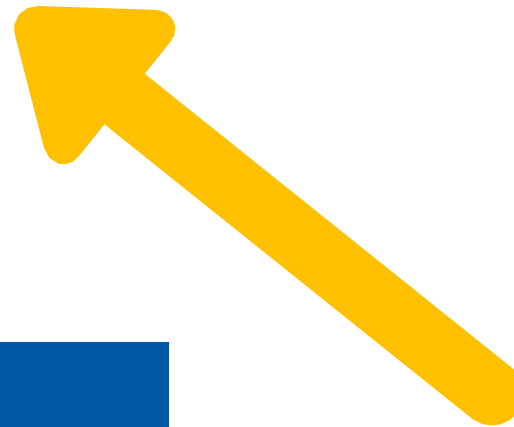
*and Many More....*

# **PROCESS FOR SUCCESS**

**GET PLACED**

**GET TRAINED**

**ENROLL**





# **FACILITIES OFFERED**

- Practical Training on Live Projects
- 100% Placement Guarantee
- Interview Preparation
- Global Certification
- Fully Functional Labs
- Online / Offline Training
- Study Materials
- Expert Level Industry Recognized Training





# NetTech India



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