



ORA_APEX - Oracle APEX Developer Professional

Oracle - Oracle APEX - Sviluppo

Durata:

4 Giorni

Lingue:

Italiano

Certificazione:

-

Descrizione del corso

Il corso **Oracle APEX Developer Professional** offre una formazione completa sulla creazione e gestione di applicazioni con Oracle APEX, partendo dalla configurazione dell'ambiente di sviluppo sul database autonomo Oracle. Si esploreranno le tecniche per progettare applicazioni scalabili, gestire dati e report, personalizzare interfacce utente e implementare funzionalità avanzate come l'automazione e la gestione della sicurezza. Inoltre, verranno trattate le modalità di estensione delle applicazioni e la migrazione tra diversi ambienti, fornendo tutte le competenze necessarie per sviluppare soluzioni moderne e sicure.

Programma

Getting Started with Oracle APEX on the Oracle Autonomous Database

- Describe Oracle APEX
- Creating and Managing a Workspace
- List and describe the major components of Oracle APEX

Using SQL Workshop

- Create and modify database objects
- Run SQL Commands and Scripts
- Load and Unload data using the Data Workshop Utility
- Generate SQL using Quick SQL

ITCore Group

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Creating an APEX Application

- Create an APEX application based on existing tables
- Create an APEX application from a file
- Create a progressive web application (PWA)
- Managing Application Attributes with App Builder Concepts

Working with Pages and Regions

- Create different page types and regions
- Manage pages in Page Designer
- Manage page attributes
- Add Page Components

Developing Reports

- Create and customize the interactive report
- Create and customize the interactive grid
- Create and customize the classic report
- Create a report with a form
- Create and customize Cards
- Create and customize Smart Filter
- Create and customize a faceted search page

Creating and Using Forms

- Create an editable interactive grid
- Create a simple form and link a report to this form
- Create different types of master-detail forms
- Modify a form

Creating Application Page Controls

- Create and use page-level items and buttons

Adding Computations, Processes, Validations, and Branches

- Create computations
- Create page processes

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- Create validations
- Create branches

Implementing Navigation in Your Application

- Create, edit, and use the following shared components that aid navigation in an application: Lists, Navigation Menus, Breadcrumbs, Navigation bar entries
- Search Configurations

Managing Application Data

- Use Collections
- Manage REST Enabled SQL References
- Manage REST Data Sources
- Data Synchronisation

Using Themes and Theme Styles

- Create and use a new theme
- Use Theme Styles
- Use Theme Roller and Live Template Options

Extending Application Capabilities

- Sending E-Mail from an application
- Automation
- Approvals and Unified Tasks Lists
- Describe and Implement Plug-ins in your application

Implementing Security in Your Application

- Create and use an authentication scheme for your application
- Create and attach an authorization scheme to your application, page, or components
- Using Session State Protection

Adding Additional Pages to Your Application

- Oracle JET Charts

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- Calendars
- Trees
- Maps

Creating and Using Dynamic Actions

- Create and use Dynamic Actions
- Implement Plug-ins in your application

Migrating Application Development Between Environments

- Export the application definition, underlying database objects, and data from your development environment and import them into the target development environment
- Perform One-click Remote Application Deployment

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