

Oracle Application Express Workshop II

Course Duration: 24 Hours (3 Days)

Overview

The Oracle Application Express Workshop II course is designed to elevate the skills of developers who are already familiar with the basics of Oracle APEX. Throughout the course, participants will engage in advanced topics that will enable them to create more sophisticated and interactive web applications. In Module 1: Course Overview, learners will get an introduction to the course structure and objectives. Module 2: Introducing Course Persona sets the context for the course with a fictional project. Module 3: Using Collections dives into leveraging collections for advanced data operations. Module 4: Extending Your Application: Dynamic Actions teaches how to make applications more dynamic without extensive coding. Module 5: Extending Your Application: Plug-ins explores how to enhance functionality with plug-ins. Module 6: Incorporating Interactivity in Your Application focuses on creating engaging user experiences. Module 7: Generating and Using Table APIs explains how to automate and secure data access. Module 8: Creating and Using RESTful Web Services covers the integration with external services. Module 9: Using Themes and Templates and Module 10: Developing a New Theme for Your Application Using Theme Roller guide learners through personalizing application design. Module 11: Securing Your Application emphasizes Security best practices, while Module 12: Deploying and Maintaining Your Application Addresses Deployment and maintenance strategies. Module 13: Optimizing Your APEX Application provides techniques to improve performance, and Module 14: Globalization and Translation ensures applications are ready for a global audience. This comprehensive course will help learners to develop, secure, and optimize APEX applications, preparing them to tackle complex projects with confidence and skill.

Audience Profile

The Oracle APEX Workshop II is an advanced training course designed for developers seeking to enhance their APEX applications with dynamic features and improved security.

- Oracle APEX Developers
- Database Administrators (DBAs) with APEX responsibilities
- IT Professionals working with Oracle databases
- Software Developers specializing in Oracle APEX
- Full Stack Developers looking to improve back-end development skills with Oracle technologies
- System Analysts involved in advanced Oracle database projects
- IT Project Managers overseeing Oracle APEX development teams
- Web Developers interested in building robust, scalable applications using Oracle APEX
- Application Architects designing Oracle-based enterprise solutions
- Technical Consultants providing solutions and support for Oracle APEX applications

Course Syllabus

- Introducing the Course Persona
- Using Collections
- Extending Your Application with Dynamic Actions
- Enhancing Functionality with Plug-ins
- Incorporating Interactivity into Your Application
- Generating and Using Table APIs
- Creating and Utilizing RESTful Web Services
- Applying Themes and Templates
- Developing a Custom Theme Using ThemeRoller
- Securing Your Application
- Deploying and Maintaining Your Application
- Optimizing Your APEX Application
- Implementing Globalization and Translation