

## Course Outline Oracle APEX (Application Express)

### **1. Installation**

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- Minimum Oracle Database version 12.1.0
- Apex Latest Version
- oracle Rest Data Service (ORDS) 21
- Apache Tomcat 9
- iReport 5.6

### **2. Basic Knowledge**

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- 1. sql / pls
- 2. css
- 3. html
- 4. javascript / jquery

### **3. Basic topics:**

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- 1. APEX Basics - Application, Pages and Regions
- 2. APEX Regions - Forms, Reports, Charts
- 3. User Interface, Templates and Themes
- 4. APEX Advanced - Security and Performance

### **4. Detailed-level course content:**

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- 1. Workspace
- 2. SQL Workshop
- 3. Application Builder
- 4. Form
- 5. Form with Report
- 6. Master-Detail Form
- 7. Classic Report
- 8. Interactive Report
- 9. Interactive Grid
- 10. Charts
- 11. Menus
- 12. Tree Region
- 13. Authentication
- 14. Authorization

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15. Public Page
16. Templates
17. Theme
18. JavaScript in APEX
19. Dynamic Action
20. Validation
21. Computation
22. Page Process
23. Branches
24. Custom Process
25. Default Value
26. Shared Library
27. List of Values
28. Application Properties
29. Page Zero (Page0)
30. Performance
31. Exam & certification

### **5. Advance topics:**

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1. image upload desire path
  2. custom Redirect URL with parameter
  3. Ajax callback process
  4. global variable
  5. Dynamic Menu
  6. json output Read
  7. Custom login
  8. Barcode
  9. Hide Field Google
  10. Rest API
  11. close apex icon CloseDialog
  12. Send OTP Verification
  13. SMS & Payment Gateway Integration
  14. jasperReport design & apex preview
  15. Custom HTML Report
  16. Drill Down Report
  17. AWS Cloud Hosting
  18. Q&A
  19. Project & Certification

Best Regards