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XML

Course Details

By [A1Training\(PT\)](#)

Course Name	XML
Category	Web Design & Development
Mode Of Classes	Online/Offline
Demo Classes	At Your Convenience
Training Methodology	20% Theory & 80% Practical
Course Duration	30-35 Hours
Class Availability	Weekdays & Weekends

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Introduction to XML

1.1.How Can XML be Used?

1,2.XML Tree

1.3.XML Syntax Rules

1.4.XML Elements

1.5.XML Attributes

1.6.XML Namespaces

1.7.Displaying XML

1.8.XML HttpRequest

1.9.XML Parser

1.10.XML DOM

1.11.XML and XPath

1.12.XML and XSLT

1.13.XML and XQuery

1.14.XML, XLink and XPointer

1.15.XML Validator

1.16.XML DTD

1.17.XML Schema

1.18.XML on the Server

1.19.XML Examples

1.20.XML Quiz

XML AJAX

2.1.AJAX Introduction

2.2.AJAX - The XMLHttpRequest Object

2.3.AJAX - Send a Request To a Server

2.4.AJAX - Server Response

2.5.AJAX XML Example

2.6.AJAX ASP Example

2.7.AJAX Database Example

2.8.XML Applications



XML DOM

- 3.1.XML DOM Tutorial
- 3.2.XML DOM Nodes
- 3.3.XML DOM - Accessing Nodes
- 3.4.XML DOM Node Information
- 3.5.XML DOM Node List
- 3.6.XML DOM Traverse Node Tree
- 3.7.XML DOM - Navigating Nodes
- 3.8.XML DOM Get Node Values
- 3.9.XML DOM Change Node Values
- 3.10.XML DOM Remove Nodes
- 3.11.XML DOM Replace Nodes
- 3.12XML DOM Create Nodes
- 3.13.XML DOM Add Nodes
- 3.14XML DOM Clone Nodes

XPath Tutorial

- 4.1.XPath Nodes
- 4.2.XPath Syntax
- 4.3.XPath Axes
- 4.4.XPath Operators

XSLT Tutorial

- 5.1.XSLT Introduction
- 5.2.XSL(T) Languages
- 5.3.XSLT - Transformation
- 5.4.XSLT <xsl:template> Element
- 5.5.XSLT <xsl:value-of> Element
- 5.6.XSLT <xsl:for-each> Element
- 5.7.XSLT <xsl:sort> Element
- 5.8.XSLT <xsl:if> Element



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5.9.XSLT <xsl:choose> Element

6.10.XSLT <xsl:apply-templates> Element

5.11.XSLT - On the Client

5.12.XSLT - On the Server

5.13.XSLT - Editing XML

XQuery Tutorial

6.1.XQuery FLWOR Expressions

6.2.XQuery FLWOR + HTML

6.3.XQuery Terms

6.4.XQuery Syntax

6.5.XQuery Adding Elements and Attributes

6.6.XQuery Selecting and Filtering

6.7.XQuery Functions

XML DTD

7.1.DTD - XML Building Blocks

7.2.DTD - Elements

7.3.DTD - Attributes

7.4.XML Elements vs. Attributes

XSD Schema

8.1.XML Schema Tutorial

8.2.XSD How To?

8.3.XSD - The <schema> Element

8.4.XSD Simple Elements

8.5.XSD Attributes

8.6.XSD Restrictions/Facets

XSD Complex

9.1.XSD Complex Elements

9.2.XSD Empty Elements



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9.3.XSD Elements Only

9.4.XSD Text-Only Elements

9.5.XSD Mixed Content

9.6.XSD Indicators

9.7.XSD The <any> Element

9.8.XSD The <anyAttribute> Element

XSD Data

9.1.XSD String Data Types

9.2.XSD Date and Time Data Types

9.3.XSD Numeric Data Types

9.4.XSD Miscellaneous Data Types

Web Services

10.1.XML Web Services

10.2.XML WSDL

10.3.XML WSDL

10.4.XML RDF

10.5.XML RSS