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TRAINING

## XML

**Duration:** 3 days

**Prerequisites**

Completion of HTML course or equivalent knowledge, including at least a passing familiarity with Cascading Style Sheets

This three day instructor-led XML training course is intended for delegates who have knowledge of HTML. It is an extra component rather than one that stands by itself.

XML is a universal standard for information markup that is revolutionizing the way in which companies handle data. By separating the logical structure of information from the layout, XML gives developers far more control over how their documents will be displayed and processed. This course is aimed at people who have not had any exposure to XML, but do know how to hand code HTML and have at least some knowledge of style sheets. Delegates will learn all they need in order to design a website using XML.

### Objectives

Upon completion of this XML training course, the delegate will:

- Understand the advantages of XML
- Be aware of a range of available tools, many of which are free.
- Know how to set out an XML document
- Define custom mark up languages
- Use XSLT to write a style sheet for XML documents to produce multiple output
- Combine XML with existing web technologies to make integration with existing systems easier

### Course Content

- What is XML and why do I need to know about it?
- What tools are available?
- How can XML documents be edited and validated? How can they be verified against the available standards?
- What makes a document well formed? How do I ensure that my documents are?
- Writing XML
- The advantages of using namespaces.
- Writing a custom Document Type Definition (DTD) to define markup.
- Using XML Schema in defining custom mark-up languages.
- Linking XML to HTML documents.
- Using the programming-like commands to make XSLT more powerful and formatting XML documents in many ways.
- Defining your own attributes and entities to save time when writing pages.

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### Related Courses

**HTML:** 2 days

**CSS:** 1 day

**HTML5:** 1 day

**CSS3:** 1 day

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