

# **AJAX Development**

**Modality: On Demand**

**Duration: 3 Hours**

## **About this Course:**

This intermediate-level course is specifically designed for IT Professionals and Programmers with the basic skills & knowledge of JavaScript and striving to develop a conceptual understanding of more advanced concepts. AJAX or Asynchronous JavaScript & XML strives to make web pages more responsive and web applications respond swiftly. This course provides conceptual knowledge of core features and functionalities of AJAX and focuses on the key concepts of Sorting, Altering, and Storing Database Information.

Through this course, professionals will learn the art of utilizing the functionalities of AJAX to minimize server loads and make web pages & applications work more smoothly. Making web applications more responsive with minimum screen refreshes is the ultimate goal of every Web Developer and Programmer. Professionals understanding AJAX & Server Communication can work to fix the hidden issues to make the web pages more efficient and functional. This course proves numerous real-life examples to help professionals develop a conceptual understanding of both basic and advanced web services.

## **Course Objectives:**

The core objective of this course is to help professionals develop a better understanding and sound knowledge of the following key concepts:

- Ajax Fundamentals and Essentials
- Sorting, Altering and Storing Database Information
- Highly Responsive Web Pages Development
- Database Formatting & Web Management from the Client-Side
- Minimizing Web Server Loads & Enhancing Responsiveness
- Development of Asynchronous Web Application
- Advanced Web Services and JSON Responses

## **Audience:**

This course is tailored for the following group of professionals and interested candidates:

- IT Professionals & Web Developers
- Programmers & Experts
- Web Designers

## **Prerequisites:**

Professionals planning to enroll in the AJAX Fundamentals course must comply with the following

prerequisites:

- Fundamental Knowledge of HTML
- Basic Understanding of CSS
- Conceptual Understanding of the JavaScript

## **Course Outline:**

- Section 1: What is AJAX?
- Section 2: AJAX and XML
- Section 3: AJAX and JSON
- Section 4: XSLT
- Section 5: AJAX with the jQuery Framework
- Section 6: AJAX and PHP