QUANTUM-AI
THE SCHOOL OF DATA AND AI

HTML & CSS

Welcome to HTML & CSS

HTML & CSS are the foundational technologies used to create and design web pages. HTML (HyperText Markup Language) structures the content of a website by defining elements such as headings, paragraphs, images, links, and forms. CSS (Cascading Style Sheets) controls the visual presentation, including colors, fonts, layouts, spacing, and responsiveness. Together, they allow developers to build visually appealing and well-organized web pages that work across different devices and screen sizes. CSS also enables animations, flexible layouts like Flexbox and Grid, and responsive design techniques. Mastering HTML and CSS is essential for creating modern, accessible, and user-friendly websites.



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WHY QUANTUMAI?

Quantum AI offers a practical, job-focused HTML & CSS Training Program designed to build strong foundations in modern web design and front-end development. The curriculum emphasizes hands-on practice in creating structured web pages using HTML and designing responsive, visually appealing layouts with CSS. Learners gain experience in building real-world website interfaces, working with forms, navigation menus, layouts, and responsive design techniques. Led by industry experts, the program introduces modern styling tools, best coding practices, and cross-browser compatibility. It is an ideal choice for beginners and professionals looking to strengthen their skills in web page structure, styling, responsive design, and user-friendly website development.

COURSE OVERVIEW

The HTML & CSS course is designed to provide a strong foundation in web development by teaching the essential technologies used to build and design websites. In this course, learners will understand how to structure web pages using HTML and enhance their appearance using CSS. The program focuses on practical learning, enabling students to create responsive and visually appealing web pages. Participants will learn about layouts, typography, colors, forms, and modern design techniques such as Flexbox and Grid. By the end of the course, learners will be able to build well-structured, responsive, and user-friendly websites suitable for modern devices and browsers.



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WHAT YOU WILL LEARN

HTML Basics
- Structure of HTML document
- Headings, paragraphs, and text formatting
- Links and images
- Lists (ordered and unordered)

Forms & Tables
- Creating forms and input fields
- Buttons and labels
- 1/4 Table creation and formatting
- Form validation basics

Semantic HTML
- Introduction to semantic tags
- Header, footer, section, article tags
- SEO-friendly structure.
- Accessibility basics

CSS Fundamentals
- CSS syntax and selectors
- Colors, backgrounds, and borders
- Fonts and typography
- Box model concept

Layout Techniques
- Flexbox fundamentals
- CSS Grid basics
- Positioning (static, relative, absolute, fixed)
- Responsive design principles

Advanced Styling
- Media queries for responsiveness
- Animations and transitions
- Hover effects and UI enhancements
- CSS best practices

Hands-On Projects
- Personal portfolio website
- Business landing page
- E-commerce homepage design
- Responsive blog website

Tools & Platforms
- Visual Studio Code
- Browser Developer Tools
- 2/4 Git & GitHub basics
- Website deployment basics

Industry-Focused Training
- Live practical sessions
- Weekly assignments
- Real-time project building
- Code review and feedback sessions

Job Roles
- Web Designer
- Frontend Developer (Beginner Level)
- UI Developer
- Website Designer
- Freelancer Web Developer

Industries Hiring
- IT & software companies
- Digital marketing agencies
- Startups
- E-commerce companies
- Media and publishing companies

Salary & Growth
- Entry-level opportunities in web development
- Strong foundation for advanced technologies like JavaScript and React Freelancing and project-based income opportunities
- Continuous career growth in frontend development

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BUILD SCALABLE APPLICATIONS

Learn HTML CSS with QuantumAI

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