Dashboard Design: Modern Concepts and Techniques

Tokyo (Japan)

5 - 9 May 2025

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Dashboard Design: Modern Concepts and Techniques

Code: IT28 From: 5 - 9 May 2025 City: Tokyo (Japan) Fees: 4700 Pound

Introduction

This course on Advanced Dashboard Design will provide you with comprehensive knowledge and hands-on experience in creating modern and effective dashboards. You will learn the latest concepts, techniques, and best practices to design visually appealing, informative, and user-friendly dashboards that drive data-driven decision-making. Through a combination of theoretical sessions, practical exercises, and case studies, you will gain the skills necessary to create impactful dashboards that effectively communicate insights.

Objectives

- Understand the principles of effective dashboard design and the role of dashboards in data visualization.
- Explore the latest trends and best practices in modern dashboard design.
- Learn techniques to identify user requirements and translate them into actionable design elements.
- Discover advanced data visualization techniques to present complex information in a clear and intuitive manner.
- Master the art of storytelling through dashboards to engage and influence stakeholders.
- Develop an understanding of interactive and responsive dashboard design for various devices and screen sizes.
- Learn how to integrate different data sources and create dynamic dashboards that update in real-time.
- Gain proficiency in using popular dashboard design tools and software.

Course Outline

Day 1

Introduction to Effective Dashboard Design

- Importance of dashboards in data visualization
- Principles of effective dashboard design
- Understanding user requirements and objectives
- Key elements of a well-designed dashboard

Day 2

Advanced Data Visualization Techniques

- Choosing the right visualization techniques for different data types
- Creating meaningful charts, graphs, and maps

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- Visualizing trends, patterns, and correlations effectively
- Using color, typography, and icons for enhanced visual communication

Day 3

Storytelling through Dashboards

- Crafting compelling narratives with data
- Applying storytelling techniques to engage stakeholders
- Sequencing and structuring dashboard content
- Creating impactful data-driven stories

Day 4

Interactive and Responsive Dashboard Design

- Designing for different devices and screen sizes
- Incorporating interactive elements and user-friendly features
- Implementing filters, drill-downs, and interactivity
- Ensuring a seamless user experience

Day 5

Integration and Tool Proficiency

- Integrating data from multiple sources
- Real-time data updates and automation
- Hands-on practice with popular dashboard design tools
- Tips and tricks for efficient dashboard design

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