

## Dashboard Design: Modern Concepts and Techniques

*Barcelona (Spain)*

*9 - 13 June 2025*

UK Traininig

# PARTNER



# Dashboard Design: Modern Concepts and Techniques

Code: IT28 From: 9 - 13 June 2025 City: Barcelona (Spain) Fees: 5100 Pound

## Introduction

Advanced Dashboard Design is a comprehensive course that provides participants with in-depth knowledge and hands-on experience in creating effective dashboards. In this course, you'll learn the essential dashboard design principles and explore the latest trends and best practices for developing dashboards that are visually appealing, user-friendly, and powerful in driving data-driven decisions. By combining theoretical sessions, practical exercises, and case studies, participants will gain the expertise needed to design impactful dashboards.

## Course Objectives

- Understand the principles of effective dashboard design and its role in data visualization.
- Explore current trends and best practices in modern dashboard design.
- Learn techniques to assess user requirements and translate them into actionable design elements.
- Discover advanced data visualization techniques to present complex data clearly and intuitively.
- Master storytelling through dashboards to engage and influence stakeholders.
- Develop an understanding of interactive and responsive dashboard design for multiple devices and screen sizes.
- Learn to integrate different data sources, creating dynamic dashboards that update in real-time.
- Gain proficiency in using popular dashboard design tools and software.

## Course Outlines

### Day 1: Introduction to Effective Dashboard Design

- The importance of dashboards in data visualization.
- Principles of effective dashboard design for clarity and usability.
- Identifying user requirements and objectives to inform design.
- Key elements and steps in the dashboard design process.

### Day 2: Advanced Data Visualization Techniques

- Choosing the appropriate visualization techniques for various data types.
- Creating meaningful charts, graphs, and maps for enhanced data communication.
- Visualizing trends, patterns, and correlations effectively.
- Using color, typography, and icons in dashboard statistics design.

### Day 3: Storytelling through Dashboards

- Crafting compelling narratives with data to drive decision-making.
- Applying storytelling techniques to engage and inform stakeholders.



- Sequencing and structuring dashboard content for maximum impact.
- Creating effective data-driven stories.

#### Day 4: Interactive and Responsive Dashboard Design

- Designing interactive dashboards for different devices and screen sizes.
- Incorporating user-friendly elements like filters and drill-downs.
- Implementing interactive dashboard design features to enhance usability.
- Ensuring a seamless user experience across various devices.

#### Day 5: Integration and Tool Proficiency

- Integrating data from multiple sources to enhance analytics dashboard design.
- Real-time data updates and automation for dynamic dashboards.
- Hands-on practice with popular dashboard design tools and software.
- Tips and tricks for efficient and creative modern dashboard design.

#### Conclusion

By the end of the Advanced Dashboard Design course, participants will have mastered essential dashboard design steps, from understanding basic dashboard concepts to implementing advanced analytics and storytelling.

This training is ideal for professionals seeking to create effective, engaging, and responsive dashboards that elevate data analysis and decision-making.



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