BLACKBIRD FOR TRAINING

Excel for Business Reports and Dashboards Masterclass

25 – 29 July 2027
Barcelona (Spain)



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Why This Course

In today's data-driven business environment, the ability to analyze, visualize, and present data efficiently is essential. This intensive 1-week program equips professionals with advanced Excel skills to create powerful reports and interactive dashboards. Through a combination of hands-on exercises, real-world case studies, and expert guidance, participants will learn to transform raw data into actionable insights that drive informed decision-making.

What You'll Learn and Practice

By attending this course, you will be able to:

- Master advanced Excel formulas and functions for complex data analysis.
- Design interactive and visually compelling dashboards for business reporting.
- Implement efficient data management, cleaning, and transformation techniques.
- Create dynamic reports that update automatically as new data is added.
- Apply best practices in data visualization to communicate insights effectively.
- Utilize advanced charting and interactive elements to enhance reporting impact.

The Program Flow

Day 1: Advanced Excel Functions and Data Analysis

- Complex formulas and nested functions for sophisticated calculations
- Advanced lookup, reference, and conditional functions
- Data validation and error-checking techniques
- Statistical analysis tools within Excel

Day 2: Data Management and Pivot Tables

- Efficient techniques for organizing and cleaning large datasets
- Advanced pivot table functionalities and calculated fields
- Power Query for transforming and combining data sources
- Creating dynamic named ranges for flexible data models



Day 3: Advanced Charting and Visualization

- Custom chart types and combination charts for unique data displays
- Dynamic and interactive chart elements for real-time insights
- Sparklines, data bars, and mini-visualizations
- Best practices in effective data visualization and storytelling

Day 4: Dashboard Design Principles

- Planning dashboard layouts and user-friendly interfaces
- Creating interactive components using slicers and form controls
- Applying conditional formatting to highlight key metrics
- Integrating external data sources for comprehensive dashboards

Day 5: Building Complex Dashboards

- Constructing fully functional business dashboards
- Implementing dynamic updates and refreshable reports
- Advanced interactivity techniques for user engagement
- Troubleshooting and optimizing dashboard performance

Individual Impact

Participants will leave this program with:

- The ability to build interactive, automated dashboards for real-time insights.
- A toolkit of advanced Excel templates for recurring reporting needs.
- Practical skills to streamline data processing and reduce manual tasks.
- Confidence in transforming complex datasets into actionable business intelligence.

Organizational Impact

Organizations will benefit from:

- Faster, more accurate reporting processes and data-driven decision-making.
- Enhanced visual communication of business performance metrics.
- Improved efficiency through automated data workflows and dashboards.
- Teams equipped to leverage Excel as a strategic tool for business insights.



Training Methodology

- Hands-on exercises with real-world datasets
- Scenario-based workshops to reinforce advanced techniques
- Step-by-step guidance on dashboard construction and automation
- Group discussions to enhance problem-solving and visualization strategies

Beyond the Course

By the end of this 1-week program, participants will be ready to:

- Develop dynamic, interactive dashboards tailored to business needs.
- Automate repetitive data tasks for improved efficiency.
- Present complex data insights clearly to stakeholders and decision-makers.
- Apply advanced Excel techniques to enhance organizational reporting and analytics.

