LPC Advanced Excel Training: Mastering Data Analysis

6 – 10 September 2027
Milan (Italy)



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Course Description

This intensive 1-week LPC Advanced Excel Training course is designed for professionals seeking to master advanced Excel techniques for data analysis, automation, and visualization. Participants will learn to leverage Excel's powerful features to streamline workflows, create dynamic reports, and extract meaningful insights from complex datasets. By the end of the course, attendees will have the skills to become indispensable Excel power users in their organizations.

Learning Objectives

- Master advanced formulas and functions for complex data analysis
- Develop proficiency in PivotTables, Power Query, and Power Pivot
- Create dynamic dashboards and interactive reports
- Automate repetitive tasks using macros and VBA
- Implement data modeling techniques for large datasets
- Apply advanced data visualization methods for impactful presentations

Course Modules

Day 1: Advanced Formulas and Functions

- Complex nested functions and array formulas
- Advanced lookup and reference functions
- Financial and statistical functions
- Text and date manipulation techniques

Day 2: Data Analysis and PivotTables

- Advanced PivotTable techniques and calculated fields
- Power Query for data transformation and cleansing
- Power Pivot for data modeling and relationships
- DAX Data Analysis Expressions fundamentals



Day 3: Automation and Macros

- Recording and editing macros
- VBA fundamentals for Excel
- Creating custom functions and procedures
- Automating repetitive tasks and reports

Day 4: Advanced Charts and Data Visualization

- Creating dynamic and interactive charts
- Advanced chart types and customizations
- Sparklines and conditional formatting techniques
- Building interactive dashboards

Day 5: Data Modeling and Business Intelligence

- Data modeling best practices
- Creating and managing data models
- Implementing business intelligence solutions
- Advanced Power Query and Power Pivot techniques

Practical Wins for Participants

- Reduce data processing time by up to 70% using advanced formulas and automation
- Create dynamic reports that update automatically, saving hours of manual work
- Develop interactive dashboards to visualize complex data trends effectively
- Implement data models that can handle millions of rows for faster analysis

