Advanced Excel: Mastering Power Query and Power Pivot

2027 □□□□□ 3 – □□□□ 30
Istanbul (Turkey)



Advanced Excel: Mastering Power Query and Power Pivot

Ref: 2022778_233362_TR Duration: 30 Location: Istanbul (Turkey) Fees: 4900 GBP

Course Description

This comprehensive 1-week course focuses on advanced Excel techniques using Power Query and Power Pivot. Participants will learn to efficiently import, clean, and transform data from various sources, create robust data models, and perform complex analysis. The course combines theoretical concepts with hands-on exercises to ensure practical application of learned skills.

Learning Objectives

- Master data import and transformation using Power Query
- Develop advanced data models with Power Pivot
- Create complex calculations using DAX formulas
- Design interactive dashboards and reports
- Implement best practices for large-scale data analysis

Course Modules

Day 1: Introduction to Power Query

- Overview of Power Query capabilities
- Connecting to various data sources
- Basic data transformation techniques
- Combining multiple data sources

Day 2: Advanced Power Query Techniques

- Complex data cleansing and shaping
- Creating custom functions
- Handling errors and exceptions
- Optimizing query performance

Day 3: Power Pivot Fundamentals

- Introduction to data modeling concepts
- Creating relationships between tables
- Basic DAX formula writing
- Time intelligence functions



Day 4: Advanced Power Pivot and DAX

- Complex DAX calculations
- Working with hierarchies and parent-child relationships
- Implementing role-playing dimensions
- Advanced filtering techniques

Day 5: Reporting and Dashboards

- Creating interactive PivotTables and PivotCharts
- Designing dynamic dashboards
- Implementing drill-through functionality
- Best practices for large-scale models

Practical Wins for Participants

- Automate data import and cleansing processes, saving hours of manual work
- Create powerful data models capable of handling millions of rows efficiently
- Develop complex calculations and KPIs for deeper business insights
- Build interactive dashboards for effective data visualization and decision-making

