

Analysis Using Excel and Power bi

Düsseldorf (Germany)

6 - 10 October 2025

UK Traininig

PARTNER



Analysis Using Excel and Power bi

Code: PS28 From: 6 - 10 October 2025 City: Düsseldorf (Germany) Fees: 4200 Pound

Introduction

Welcome to the "Advanced Techniques in Data Analysis with Excel and Power BI" course. In today's data-driven environment, organizations are increasingly reliant on effective data analysis to make informed decisions and gain a competitive edge. Excel and Power BI are among the most powerful tools for comprehensive business data analysis, enabling professionals to transform raw data into actionable insights.

This course is designed to provide participants with advanced knowledge and hands-on experience in leveraging these tools for data analysis. Whether you are new to data analysis using Power BI or looking to enhance your Excel analysis techniques, this course covers it all, ensuring you leave with the skills to excel in your career.

Course Objectives

- Understand the Importance of Data Analysis: Explore the role of data analysis in driving strategic decisions and creating business value.
- Master Data Analysis Tools: Learn how to use Excel and Power BI for advanced data analytics and business intelligence.
- Develop Practical Skills: Gain expertise in data cleaning, transformation, and modeling using Excel and Power BI.
- Create Impactful Visualizations: Learn how to design interactive dashboards and visualizations to communicate insights effectively.
- Apply Predictive Analysis: Use real-world case studies to apply predictive techniques and derive actionable insights.

Course Outlines

Day 1: Introduction to Data Analysis with Excel and Power BI

- Understanding the importance of data analysis in business decision-making.
- Introduction to Excel and Power BI as essential tools for data analytics.
- Best practices for importing, organizing, and preparing data in both tools.
- Overview of Power BI Analysis Services and its role in managing large datasets.

Day 2: Data Cleaning and Transformation

- Addressing common data quality issues and implementing solutions using Excel.
- Transforming raw data using Power Query in Excel and Power BI.
- Techniques for merging and appending data from multiple sources.
- Practical exercises in data transformation to prepare datasets for analysis.

A graphic of a chessboard with several chess pieces (pawns, knights, and a king) on it. The text 'UK Training PARTNER' is overlaid on the right side of the board.

UK Training
PARTNER

Day 3: Data Modeling and Advanced Analytics

- Introduction to data modeling concepts and creating relationships between datasets.
- Using DAX Data Analysis Expressions to perform advanced calculations in Excel and Power BI.
- Techniques for predictive analysis using Excel and Power BI.
- Exploring Power BI statistical analysis tools for uncovering trends and patterns.

Day 4: Visualizations and Dashboard Design

- Principles of effective data visualization for impactful storytelling.
- Step-by-step creation of advanced visualizations and dashboards in Excel and Power BI.
- Building interactive dashboards for business data analysis and decision-making.
- Leveraging Power BI's advanced visualization tools for enhanced reporting.

Day 5: Real-World Applications and Final Project

- Applying data analysis skills to real-world business scenarios.
- Hands-on case studies to reinforce concepts and techniques learned during the course.
- Designing a comprehensive Power BI data analysis project to showcase your expertise.
- Final review and feedback on participants' projects.

Why Attend this Course? Wins & Losses!

- Master Data Tools: Learn to use Excel and Power BI for advanced data analysis and reporting.
- Improve Efficiency: Gain skills to analyze data more accurately and efficiently.
- Boost Career Prospects: Stand out with advanced skills in highly demanded tools.
- Portfolio Development: Complete a real-world data analysis project to demonstrate your expertise.

Conclusion

By completing this course, you will become proficient in advanced data analysis using Excel and Power BI. You'll gain the ability to perform comprehensive analyses, create insightful dashboards, and implement predictive analysis techniques. These skills will not only enhance your decision-making capabilities but also help you advance in your professional career.

Enroll now to transform your data analysis expertise and unlock the full potential of Excel and Power BI for driving impactful business decisions!

A graphic of a chessboard with several chess pieces. A large gold king piece is in the foreground, with a silver pawn and a gold pawn behind it. The text 'UK Training PARTNER' is overlaid on the board.

UK Training
PARTNER

Blackbird Training Cities

Europe



Malaga (Spain)



Sarajevo (Bosnia and Herzegovina)



Oporto (Portugal)



Glasgow (Scotland)



Edinburgh (UK)



Oslo (Norway)



Annecy (France)



Bordeaux (France)



Copenhagen (Denmark)



Birmingham (UK)



Lyon (France)



Moscow (Russia)



Stockholm (Sweden)



Podgorica (Montenegro)



Batumi (Georgia)



Salzburg (Austria)



London (UK)



Istanbul (Turkey)



Amsterdam



Düsseldorf (Germany)



Paris (France)



Athens (Greece)



Barcelona (Spain)



Munich (Germany)



Geneva (Switzerland)



Prague (Czech)



Vienna (Austria)



Rome (Italy)



Brussels (Belgium)



Madrid (Spain)



Berlin (Germany)



Lisbon (Portugal)



Zurich (Switzerland)



Manchester (UK)



Milan (Italy)



Blackbird Training Cities

USA & Canada



Los Angeles (USA)



Orlando, Florida (USA)



Online



Phoenix, Arizona (USA)



Houston, Texas (USA)



Boston, MA (USA)



Washington (USA)



Miami, Florida (USA)



New York City (USA)



Seattle, Washington (USA)



Washington DC (USA)



In House



Jersey, New Jersey (USA)



Toronto (Canada)

ASIA



Baku (Azerbaijan)
(Thailand)



Maldives (Maldives)



Doha (Qatar)



Manila (Philippines)



Bali (Indonesia)



Bangkok



Beijing (China)



Singapore (Singapore)



Sydney



Tokyo (Japan)



Jeddah (KSA)



Riyadh (KSA)



Melbourne (Australia)
Korea



Phuket (Thailand)



Dubai (UAE)



Kuala Lumpur (Malaysia)



Kuwait City (Kuwait)



Seoul (South)



Pulau Ujong (Singapore)



Irbid (Jordan)



Jakarta (Indonesia)



Amman (Jordan)



Beirut

UK Training
PARTNER

Blackbird Training Cities

AFRICA



Kigali (Rwanda)



Cape Town (South Africa)



Accra (Ghana)



Lagos (Nigeria)



Marrakesh (Morocco)



Nairobi (Kenya)



Zanzibar (Tanzania)



Tangier (Morocco)



Cairo (Egypt)



Sharm El-Sheikh (Egypt)



Casablanca (Morocco)



Tunis (Tunisia)



Blackbird Training Clients

 MANNAI CORPORATION MANNAI Trading Company WLL, Qatar	 GAC UNE FILIALE D' EGA Alumina Corporation Guinea	 Booking.com Booking.com Netherlands	 OXFAM Oxfam GB International Organization, Yemen	 Capital Markets Authority Kuwait
 Waltersmith Waltersmith Petroman Oil Limited Nigeria	 QNB Qatar National Bank (QNB), Qatar	 Qatar Foundation Qatar	 AFRICAN UNION ADVISORY BOARD ON CORRUPTION Tanzania	 KFAS KFS Kuwait
 Reserve Bank of Malawi Malawi	 Central Bank of Nigeria Nigeria	 Ministry of Interior Kingdom of Saudi Arabia KSA	 Mabruk Oil Company Libya	 Saudi Electricity Company KSA
 BPKH Badan Pengelola Keuangan Haji BADAN PENGELOLA KEUANGAN Haji, Indonesia	 NATO Italy	 ENI ENI CORPORATE UNIVERSITY, Italy	 GULF BANK Gulf Bank Kuwait	 General Organization for Social Insurance KSA
 Defence Space Administration Nigeria	 National Industries Group (Holding) Kuwait	 Hamad Medical Corporation Qatar	 USAID Pakistan	 STC STC Solutions, KSA
 North Oil Company North Oil company,	 EKO Electricity EKO Electricity	 OMAN BROADBAND Oman Broadband	 UNITED NATIONS UN.	 Authority for Electricity Regulation Oman

UK Training
PARTNER

Blackbird Training Categories

Management & Admin

Entertainment & Leisure
Professional Skills
Finance, Accounting, Budgeting
Media & Public Relations
Project Management
Human Resources
Audit & Quality Assurance
Marketing, Sales, Customer Service
Secretary & Admin
Supply Chain & Logistics
Management & Leadership
Agile and Elevation

Technical Courses

Artificial Intelligence (AI)
Hospital Management
Public Sector
Special Workshops
Oil & Gas Engineering
Telecom Engineering
IT & IT Engineering
Health & Safety
Law and Contract Management
Customs & Safety
Aviation
C-Suite Training



 International House 185 Tower Bridge
Road London SE1 2UF United Kingdom

 +44 7401 1773 35
+44 7480 775526

 Sales@blackbird-training.com

 www.blackbird-training.com

UK Training
PARTNER

