

## Analysis Using Excel and Power bi

*Sharm El-Sheikh (Egypt)*

*16 - 20 August 2026*

UK Traininig

# PARTNER



## Analysis Using Excel and Power bi

Code: PS28 From: 16 - 20 August 2026 City: Sharm El-Sheikh (Egypt) Fees: 3700 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 featuring the text 'UK Training PARTNER' in a bold, sans-serif font. The word 'PARTNER' is significantly larger and more prominent than 'UK Training'. The text is set against a background of a chessboard with several chess pieces (a king, a queen, and a pawn) visible, suggesting a strategic partnership.

### 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 silver knight behind it. In the background, there are concentric circles and the text '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)



Florence (Italy)



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)  
(Kuwait)



Phuket (Thailand)



Shanghai (China)



Dubai (UAE)



Kuala Lumpur (Malaysia)



Kuwait City



Seoul (South Korea)



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

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

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**

