

## Advanced Root Cause Analysis

*Barcelona (Spain)*

*6 - 10 October 2025*

UK Training

# PARTNER



## Advanced Root Cause Analysis

Code: LM28 From: 6 - 10 October 2025 City: Barcelona (Spain) Fees: 4400 Pound

### Introduction

This course provides a comprehensive exploration of Root Cause Analysis RCA, emphasizing advanced techniques and their integration with methodologies like Six Sigma, Lean, and Kaizen. Participants will gain practical skills in effectively identifying and addressing root causes, thereby enhancing problem-solving and quality management practices in their organizations. By the end of the course, you will be equipped with the tools to apply root cause analysis effectively, improving operational efficiency and addressing issues at their core.

### Course Objectives

Upon completion of this course, participants will:

- Gain a deep understanding of the principles and methodologies of Root Cause Analysis RCA.
- Apply advanced root cause analysis methods and techniques in real-world scenarios.
- Integrate RCA with Six Sigma, Lean, and Kaizen for comprehensive problem-solving.
- Practice root cause analysis through real-life case studies and group exercises.
- Develop actionable strategies for implementing RCA within your organization.

### Course Outlines

#### Day 1: Introduction to Root Cause Analysis RCA

- What is Root Cause Analysis? Overview of RCA principles and methodologies.
- Key techniques for effective root cause analysis, including 5 Whys, Fishbone Diagram, and Fault Tree Analysis.
- How to integrate RCA with Six Sigma, Lean, and Kaizen for enhanced quality management and process improvement.

#### Day 2: Advanced Tools and Techniques

- Understanding root cause analysis methods and how to apply them to various challenges.
- Advanced root cause analysis tools: Cause-and-Effect Matrix, Pareto Analysis, Process Mapping, and their practical applications.
- Introduction to RCA software and data visualization tools to enhance analysis and presentation.

#### Day 3: Practical Application of RCA

- Root cause analysis steps applied through real-world case studies.
- Group exercises to practice RCA using the tools and techniques learned.
- Problem-solving and root cause analysis: Applying these principles to identify effective solutions.

UK Training  
**PARTNER**



## Day 4: RCA and Improvement Approaches

- Combining RCA with Six Sigma, Lean, and Kaizen to achieve continuous improvement.
- Interactive workshops on integration strategies, addressing root causes through a multidisciplinary approach.
- Best practices for root cause analysis in complex business scenarios.

## Day 5: Implementation and Review

- Developing an RCA framework tailored to your organization's needs.
- Overcoming common challenges and resistance in root cause analysis implementation.
- Creating an action plan for applying root cause analysis and reviewing key course takeaways.

## Why Attend This Course: Wins & Losses!

- Root cause analysis best practices that will enhance your problem-solving and decision-making skills.
- Learn the types of root cause analysis and when to use each technique for maximum impact.
- Gain insights into advanced root cause analysis methodologies and their integration with other improvement frameworks.
- Obtain a root cause analysis certificate as a testament to your expertise.

## Conclusion

By the end of this course, participants will be proficient in performing root cause analysis RCA and integrating it with various problem-solving methodologies, ensuring continuous improvements in quality management. Whether you are looking to solve specific operational issues or enhance overall organizational performance, root cause analysis is a powerful tool that will help you address challenges at their very core. Participants will also be prepared to pursue RCA certification to formally recognize their expertise.

Join us today to learn how to implement root cause analysis RCA in your organization, and empower yourself with the tools and knowledge to drive continuous improvement.

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)



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

 <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>	 <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**

