Mastering Power BI: Comprehensive Data Analytics Course

08 - 12 Dec 2025
Barcelona

AGILE LEADERS
Training Center

Mastering Power BI: Comprehensive Data Analytics Course

Ref.: 36060_248592 **Date:** 08 - 12 Dec 2025 **Location:** Barcelona **Fees:** 4800 **Euro**

Power BI Course Overview:

The Power BI Step-by-Step course is a comprehensive data analytics course designed to enhance your data visualization and business intelligence skills. This training in data analytics provides an in-depth understanding of Power BI, enabling participants to utilize Power Query, Parameters, Templates, and Custom Functions to their fullest potential. Earn a valuable data analytics certification while learning to make data-driven decisions that drive business success. The course offers a well-rounded introduction to data analytics, appealing to both beginners and advanced users looking for a refresher or more advanced techniques. Our data analytics certification programs cover every aspect of Power BI, making this a complete course on analytics.

Target Audience:

- Data Analysts
- Business Analysts
- Data Scientists
- Business Intelligence Professionals
- IT Professionals
- Individuals looking to deepen their understanding of Power BI
- Anyone seeking to gain a certificate in data analytics or improve their existing skills

Targeted Organizational Departments:

- IT Department
- Data Analytics Department
- Business Intelligence Department
- Operations Department
- Sales Department

Targeted Industries:

- Technology Industry
- Finance Industry
- Healthcare Industry
- Retail Industry
- Logistics Industry

Course Offerings:

- In-depth understanding of Power BI
- Proficiency in Power Query, Parameters, Templates, and Custom Functions
- Certification in data analytics
- Case studies to illustrate the practical application of learned skills
- Continuous support and feedback sessions

Training Methodology:

This data analytics training adopts an interactive approach that is built around case studies, group work, and hands-on exercises. It offers a perfect blend of theory and practice, and equips participants with practical skills they can immediately apply in their workplaces. With a comprehensive introduction to data analytics and insights into the most effective ways to utilize Power BI tools, participants will gain a valuable data analytics certificate upon completion of this analytics training course.

Course Toolbox:

- Comprehensive workbook of Power BI techniques
- Power Query, Parameters, Templates, and Custom Functions
- Case study materials
- Online resources for continued learning
- Checklist for effective use of Power BI tools
- Power BI templates for practical usage

Course Agenda:

Day 1: Introduction and Data Preparation with Power BI

- Topic 1: An introduction to data analytics and Power BI
- Topic 2: Power BI Dataflows vs Power BI Desktop
- Topic 3: Data Preparation in Power BI
- Topic 4: Using a Dataflow as a Data Source
- Reflection & Review: A review of the day's learnings and hands-on exercises

Day 2: Data Cleaning and House Keeping in Power BI

- Topic 1: Trim, Clean, and Case in Power BI

- Topic 2: House Keeping and Meta Data in Power BI
- Topic 3: The Split Columns Command
- Topic 4: Removing Unwanted Rows
- Reflection & Review: Recap of the day's lessons and hands-on exercises

Day 3: Advanced Data Manipulation in Power BI

- Topic 1: Replace Value and Fill Down in Power BI
- Topic 2: The Unpivot Columns Command
- Topic 3: Reordering Columns in Power BI
- Topic 4: Creating Custom Columns
- Reflection & Review: Review and practical exercises on data manipulation in Power BI

Day 4: Merging, Grouping, and Appending Data in Power BI

- Topic 1: Append Queries in Power BI
- Topic 2: Merge Queries in Power BI
- Topic 3: Grouping Data in Power BI
- Topic 4: The benefits of Changing Column Order
- Reflection & Review: Discussion and review of data merging, grouping, and appending techniques

Day 5: Power Query Parameters, Templates, and Custom Functions

- Topic 1: Power Query Parameters and Templates
- Topic 2: Creating and Using Power Query Parameters
- Topic 3: Power Query Custom Functions
- Topic 4: Converting a Query to a Function
- Topic 5: Preparation tips for data analytics certification
- Reflection & Review: Q&A and discussion on preparation for data analytics certification

How This Course is Different from Other Data Analytics Certification Programs:

In a world abundant with data analytics certification programs, our Power BI Step-by-Step course stands distinctly apart. Firstly, unlike the majority of the data analytics courses, our training revolves around Power BI, a leading tool in the realm of business intelligence.

We provide comprehensive data analytics training, starting from the data analytics introduction, going all the way to the usage of advanced features like Power Query Parameters, Templates, and Custom Functions. It allows our course to cater to a wide range of professionals, from beginners to experienced analysts.

One of the unique aspects of our course is the step-by-step approach to learning, which sets it apart

from other data analytics certification programs. This aids in the retention and application of learned concepts. Additionally, the program is enriched with several real-world case studies, making the training in data analytics more pragmatic and relatable.

The certificate in data analytics that participants receive upon completion of this course is highly respected in the industry. This certification is not just a testament to the completion of a course on analytics, but an endorsement of the participant's practical skills in using Power BI.

In conclusion, our Power BI Step-by-Step course stands out from other analytics training courses due to its comprehensive curriculum, practical approach, and recognized certification, offering participants a remarkable opportunity to excel in the field of data analytics.

WHO WE ARE

Agile Leaders is a renowned training center with a team of experienced experts in vocational training and development. With 20 years of industry experience, we are committed to helping executives and managers replace traditional practices with more effective and agile approaches.

OUR VISION

We aspire to be the top choice training provider for organizations seeking to embrace agile business practices. As we progress towards our vision, our focus becomes increasingly customer-centric and agile.

OUR MISSION

We are dedicated to developing value-adding, customer-centric agile training courses that deliver a clear return on investment. Guided by our core agile values, we ensure our training is actionable and impactful.

WHAT DO WE OFFER

At Agile Leaders, we offer agile, bite-sized training courses that provide a real-life return on investment. Our courses focus on enhancing knowledge, improving skills, and changing attitudes. We achieve this through engaging and interactive training techniques, including Q&As, live discussions, games, and puzzles.

AGILE LEADERS
Training Center

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Gamified and Interactive Training

We understand that training delivery can be challenging, both online and offline. To ensure engagement and achieve learning objectives, we have developed our own activities and collaborated with industry-leading solutions to gamify our training sessions. This approach increases interaction levels and guarantees effective learning outcomes.

Our Training Cate gories

We cover a wide range of training categories to cater to different needs and interests

Branding, Marketing, Customer Relations, & Sales Programs
Finance and Accounting Programs
Human Resources Management Programs
Management & Leadership Programs

Political & Public Relations Programs
Project Management Programs
Quality & Process Management
Self-Development Programs

Join Agile Leaders today and embark on a transformative journey towards becoming a more agile and effective leader. Experience our customer-centric approach, actionable training, and guaranteed return on investment. Let us help you unleash your full potential in the dynamic business landscape.

Where to Find Us

You can join our training programs at our centers located in

We also offer online training sessions through the Zoom platform.

Malaysia
Kuala Lumpur

Morocco
Casablanca

Spain
Barcelona

France
Paris

UK
London

Italy
Rome

Egypt
Cairo
Sharm El-Sheikh

Turkey
Istanbul

Georgia
Tbilisi

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