Microsoft Power BI: Data Analysis Professional (Second Edition) (v1.3)

Category: AI, Data & Analytics | **Vendor:** Logical Operations

Duration: 24.00 hours (3 days) **19.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

As technology progresses and becomes more interwoven with our businesses and lives, more data is collected about business and personal activities. This era of 'big data' is a direct result of the popularity and growth of cloud computing, which provides an abundance of computational power and storage, allowing organizations of all sorts to capture and store data. Leveraging that data effectively can provide timely insights and competitive advantages.Creating data-backed visualizations is key for data scientists, or any professional, to explore, analyze, and report insights and trends from data. Microsoft® Power BI® software is designed for this purpose. Power BI was built to connect to a wide range of data sources, and it enables users to quickly create visualizations of connected data to gain insights, show trends, and create reports. Power BI's data connection capabilities and visualization features go far beyond those that can be found in spreadsheets, enabling users to create compelling and interactive worksheets, dashboards, and stories that bring data to life and turn data into thoughtful action.

About This Course

As technology progresses and becomes more interwoven with our businesses and lives, more data is collected about business and personal activities. This era of 'big data' is a direct result of the popularity and growth of cloud computing, which provides an abundance of computational power and storage, allowing organizations of all sorts to capture and store data. Leveraging that data effectively can provide timely insights and competitive advantages.

Creating data-backed visualizations is key for data scientists, or any professional, to explore, analyze, and report insights and trends from data. Microsoft® Power BI® software is designed for this purpose. Power BI was built to connect to a wide range of data sources, and it enables users to quickly create visualizations of connected data to gain insights, show trends, and create reports. Power BI's data connection capabilities and visualization features go far beyond those that can be found in spreadsheets, enabling users to create compelling and interactive worksheets, dashboards, and stories that bring data to life and turn data into thoughtful action.

Who Should Attend

This course is designed for professionals in a variety of job roles who are currently using desktop or web-based data management tools such as Microsoft Excel® or SQL Server® reporting services to perform numerical or general data analysis. They are responsible for connecting to cloud-based data sources, as well as shaping and combining data for the purpose of analysis. They are also looking for alternative ways to analyze business data, visualize insights, and share those insights with peers across the enterprise. This includes capturing and reporting on data to peers, executives, and clients. This course is also designed for professionals who want to pursue the Microsoft Power BI Data Analyst (Exam PL-300) certification.

Learning Outcomes

Upon successful completion of this course, participants will be able to:

In this course, you will analyze data with Microsoft Power BI. You will:

Analyze data with self-service BI.

Connect to data sources.

Perform data cleaning, profiling, and shaping.

Visualize data with Power BI.

Enhance data analysis by adding and customizing visual elements.

Model data with calculations.

Create interactive visualizations.

Use advanced analysis techniques.

Enhance reports and dashboards.

Publish and share reports and dashboards.

Extend Power BI beyond the desktop.

Detailed Course Outline

Analyzing Data with Self-Service BI

- Topic A: Data Analysis and Visualization for Business Intelligence
- Topic B: Self-Service BI with Microsoft Power BI

Connecting to Data Sources

- Topic A: Create Data Connections
- Topic B: Configure and Manage Data Relationships
- Topic C: Save Files in Power BI

Performing Data Cleaning, Profiling, and Shaping

- Topic A: Clean, Transform, and Load Data with the Query Editor
- Topic B: Profile Data with the Query Editor
- Topic C: Shape Data with the Query Editor
- Topic D: Combine and Manage Data Rows

Visualizing Data with Power BI

- Topic A: Create Visualizations in Power BI
- Topic B: Chart Data in Power BI

Enhancing Data Analysis

- Topic A: Customize Visuals and Pages
- Topic B: Incorporate Tooltips

Modeling Data with Calculations

- Topic A: Create Calculations with Data Analysis Expressions (DAX)
- Topic B: Create Calculated Measures and Conditional Columns

Creating Interactive Visualizations

- Topic A: Create and Manage Data Hierarchies
- Topic B: Filter and Slice Reports
- Topic C: Create Dashboards

Using Advanced Analysis Techniques

- Topic A: Create Calculated Tables, Variables, and Parameters
- Topic B: Enhance Visuals with Statistical Analysis
- Topic C: Perform Advanced Analysis

Enhancing Reports and Dashboards

- Topic A: Enhance Reports
- Topic B: Enhance Dashboards

Publishing and Sharing Reports and Dashboards

- Topic A: Publish Reports
- Topic B: Create and Manage Workspaces
- Topic C: Share Reports and Dashboards

Extending Power BI Beyond the Desktop

- Topic A: Use Power BI Mobile
- Topic B: Extend Access with the Power BI API

Additional Course Details

Nexus Humans Microsoft Power BI: Data Analysis Professional (Second Edition) (v1.3) training program is a workshop that presents an invigorating mix of sessions, lessons, and masterclasses meticulously crafted to propel your learning expedition forward.

This immersive bootcamp-style experience boasts interactive lectures, hands-on labs, and collaborative hackathons, all strategically designed to fortify fundamental concepts.

Guided by seasoned coaches, each session offers priceless insights and practical skills crucial for honing your expertise. Whether you're stepping into the realm of professional skills or a seasoned professional, this comprehensive course ensures you're equipped with the knowledge and prowess necessary for success.

While we feel this is the best course for the Microsoft Power BI: Data Analysis Professional (Second Edition) (v1.3) course and one of our Top 10 we encourage you to read the course outline to make sure it is the right content for you.

Additionally, private sessions, closed classes or dedicated events are available both live online and at our training centres in Dublin and London, as well as at your offices anywhere in the UK, Ireland or across EMEA.

Frequently Asked Questions

Q: What delivery options are available for Microsoft Power BI: Data Analysis Professional (Second Edition) (v1.3)?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 3-day Microsoft Power BI: Data Analysis Professional (Second Edition) (v1.3) course provides up to 19.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Microsoft Power BI: Data Analysis Professional (Second Edition) (v1.3) training?

The training takes place over 3 day(s), with each day lasting approximately 24.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Microsoft Power BI: Data Analysis Professional (Second Edition) (v1.3)?

Yes, we provide corporate training, dedicated training, and closed classes for Microsoft Power BI: Data Analysis Professional (Second Edition) (v1.3). Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: Why choose Nexus Human for Microsoft Power BI: Data Analysis Professional (Second Edition) (v1.3)?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Microsoft Power BI: Data Analysis Professional (Second Edition) (v1.3) training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

Professional Training & Development

Email: info@nexushuman.com

Website: www.nexushuman.com

Phone: +353 1 889 8700 (Ireland) | +44 20 8142 8961 (UK)

© 2026 Nexus Human. All rights reserved. This brochure was generated on 13/11/2026.