Quick Start to Power BI for Anlaysts & Users / Introduction to Power BI (TTDPB01)

Category: AI, Data & Analytics | **Vendor:** Trivera Tech

Duration: 16.00 hours (2 days) **13.0 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

QuickStart to Power BI for Analysts and Users®is a two-day introductory-level course ®that provides attendees with a hands-on exploration of the essential features and benefits of Power BI, as well as a targeted hands-on jump start to performing data analysis with Power BI.® This course will provide you with the job-ready skills required to make you productive in your role with basic Power BI features and functionality, right after the training ends.

About This Course

QuickStart to Power BI for Analysts and Users is a two-day introductory-level course that provides attendees with a hands-on exploration of the essential features and benefits of Power BI, as well as a targeted hands-on jump start to performing data analysis with Power BI. This course will provide you with the job-ready skills required to make you productive in your role with basic Power BI features and functionality, right after the training ends.

Who Should Attend

This hands-on course is geared new users and analysts or individuals who might be responsible for accessing the organization's data, transforming that data and generating reports.

Prerequisites & Entry Requirements

General Prerequisites:

Before attending this course, students should have:

-A general knowledge of database concepts (fields, records, relationships).

-An awareness of key business priorities such as revenue, profitability, and financial accounting is desirable.

-Familiarity with Excel.

Learning Outcomes

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

This course combines expert lecture, real-world demonstrations and group discussions with machine-based practical labs and exercises. Working in a hands-on learning environment led by our expert facilitator, students will learn how to:

-Perform Power BI desktop data transformation.

-Describe Power BI desktop modelling.

-Create a Power BI desktop visualization.

-Implement the Power BI service.

-Describe how to connect to Excel data.

-Shape and Combine Data

-Describe how to collaborate with Power BI data.

-Connect directly to data stores.

-Time Permitting: Explore the Power BI developer API.

-Time Permitting: Describe the Power BI mobile app

Detailed Course Outline

Module 1: Introduction to Self-Service BI Solutions

Introduces business intelligence (BI) and how to self-serve with BI.

Topics

Introduction to business intelligence

Introduction to data analysis

Introduction to data visualization

Overview of self-service BI

Considerations for self-service BI

Microsoft tools for self-service BI

Hands-on: Exploring an Enterprise BI solution

Viewing reports

Creating a Power BI report

Creating a Power BI dashboard

Module 2: Introducing Power BI

This module introduces Power BI desktop, and explores the features that enable the rapid creation and publication of sophisticated data visualizations.

Topics

Power BI

The Power BI service

Hands-on: Creating a Power BI dashboard

Connecting to Power BI data

Create a Power BI dashboard

Module 3: Power BI Essentials

At the end of this module students will be able to explain the rationale and advantages of using Power BI.

Topics

Using Excel as a data source for Power BI

The Power BI data model

Using databases as a data source for Power BI

The Power BI service

Hands-on: Importing data into Power BI

Importing Excel files into Power BI

Viewing reports from Excel files

Module 4: Shaping and Combining Data

With Power BI desktop you can shape and combine data with powerful, built-in tools. This module

introduces the tools that are available for preparing your data and transforming it into a form ready for reporting.

Topics

Power BI desktop queries

Shaping data

Combining data

Hands-on: Shaping and combining data

Shape power BI data

Combine Power BI data

Module 5: Modelling data

This module describes how to shape and enhance data.

Topics

Relationships

DAX queries

Calculations and measures

What is DAX (Overview)

What is DAX (Tabular)

Creating Calculated Columns (Basics)

Conditional and Logical Functions

Creating Calculated Measures

Time Intelligence (Overview)

Time Intelligence (Time Intelligence Functions)

Using X-Functions and A-Functions

DAX as a Query Language

Hands-on: Let's Model Data

Module 6: Interactive Data Visualizations

This module describes how to create and manage interactive data visualizations.

Topics

Creating Power BI Reports

Page Layout and Formatting

Working with Multiple Visualizations

Creating Charts

Histograms

Managing a Power BI Solution

Power BI Service Settings

Power BI Desktop Settings

Module 7: Direct Connectivity

Cloud Data

Connecting to Big Data

Connecting to Analysis Services

Direct Connectivity to Analysis Services

Using the On-Premises Gateway

SSAS Multidimensional Models

Bonus Topics / Time Permitting

This content will be included with your course materials, and will be addressed in class if time permits.

Module 8: The Developer API

The Developer API

The Interactive API Console

Custom Visuals

Using Custom Visuals

Using the Developer API

Module 9: PowerBI Mobile

Power BI Mobile Apps

Creating Dashboards for Mobile Devices

Power BI for iOS and Android

Power BI for Windows 10

Using the Power BI Mobile App

Annotating Dashboards

Power BI Embedded

Adding Visualizations to an App

Power BI Community

Additional Course Details

Nexus Humans Quick Start to Power BI for Anlaysts & Users / Introduction to Power BI (TTDPB01) 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 Quick Start to Power BI for Anlaysts & Users / Introduction to Power BI (TTDPB01) 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 Quick Start to Power BI for Anlaysts & Users / Introduction to Power BI (TTDPB01)?

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 2-day Quick Start to Power BI for Anlaysts & Users / Introduction to Power BI (TTDPB01) course provides up to 13.0 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Quick Start to Power BI for Anlaysts & Users / Introduction to Power BI (TTDPB01) training?

The training takes place over 2 day(s), with each day lasting approximately 16.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Quick Start to Power BI for Anlaysts & Users / Introduction to Power BI (TTDPB01)?

Yes, we provide corporate training, dedicated training, and closed classes for Quick Start to Power BI for Anlaysts & Users / Introduction to Power BI (TTDPB01). 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: What related terms do people search for?

Popular related searches include: PowerBI

Q: Why choose Nexus Human for Quick Start to Power BI for Anlaysts & Users / Introduction to Power BI (TTDPB01)?

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 Quick Start to Power BI for Anlaysts & Users / Introduction to Power BI (TTDPB01) 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)

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