2 Day Power BI TRAINING WORKSHOP
What to Expect?

In this popular 2 day Introduction to Power BI workshop, our structured course helps those with little to intermediate experience understand the fundamental concepts required for optimizing value from Power BI. All training exercises, have a relevant context, covering ‘real-life’ scenarios that require building KPIs to answer specific business questions. This training ensures that, going forward, your team has the best practice foundation to continue the process of compelling data storytelling. Learn the Power BI tricks of the trade from a team who has successfully implemented Power BI solutions globally.

What to Bring?

BYO Windows OS Laptop - You must be able to connect to our wireless network and install the latest version of Power BI Desktop on your system.

Duration:
Two days (14 hours)
9:30 am - 4:30 pm (each day)

Prices:
£1, 295 + VAT per delegate
Remote Class
£971 + VAT per delegate

* Prices are discounted when more than one delegate from the same company attends

Contact Us:
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Objectives

Learn how to:

Use best practice and fundamental report building concepts to optimize the value derived from Power BI

- Bring data to life through a compelling story
- Create Calculated Measures and KPIs
- Apply Security Rules
- Share Content across the organization

Who is it For?

No previous Data Analysis Training Required!

This training is designed for end users or analysts who need to derive and share insights from business data.

We’ll show you how, without needing former data analysis training or needing to learn another programming language, you can build and sharing useful Power BI reports and dashboards.

Is your organization deploying or already using Microsoft Power BI?

Do you need to learn best practices around Power BI?

About us

As a Microsoft Gold Partner in Data Analytics and also a Power BI partner, with a vertical focus on helping business become more data efficient through Power BI training and consulting, Data Bear has an established record of empowering originations with the skills and tools needed to drive their business further. Using latest technologies and best practice, the Data Bear team is dedicated to providing training and solutions that ultimately save time, increase profits and reduce stress.
Course Content

Day 1

Overview of Power BI
- The Value Offering
- Licensing and Pricing
- Market Positioning

Power BI Cloud Service (the wow features)
- Overview of the Cloud Service
- Role and Functionality for Consumers
- Building a CFO Dashboard
- Dashboard Flow and Navigation
- Power BI for Mobile
- How to use Q&A (Natural Language Queries)
- Obtaining Value from Quick Insights
- Connecting to Services (Content Packs)
- Using the Demo Samples
- Publish to web (Embedded View)
- Exporting Reports to PowerPoint

Importing and Transforming Data
- Importing Data from various sources
- Using Direct Query
- Query Editor Overview
- Understanding Query Design & the ETL Process
- Query Building Best Practice
- Understanding Applied Steps
- Data Transformations
  - Cleaning data (covers many different methods)
  - Merging Datasets
  - Unpivoting Data
  - Combining Files from a Folder
  - Appending Datasets
  - Creating Columns from Examples
- Using a Dynamic Fiscal Calendar Table
- Creating & Using Parameters

Data Modelling
- Creating Relationships
- Handling Multiple Relationships with the Fact Table
- Default Summarization of Fields
- Custom Sorting of Columns
- Data Types & Formatting
- Optimizing Q&A - Creating Data Synonyms

Power BI Desktop
- Overview of Power BI Desktop
- Similarities to Excel Power Pivot
- Similarities to Excel Power Query
- Technical Options & Settings
- Monthly Updates
- Introduction to Facts & Dimensions
- Data Modeling 101
- Building a Robust Star Schema

Report Building
- Build a Time Example Intelligence Report
- Introduction to DAX
- Understanding DAX Syntax
- Implicit Vs Explicit Measures
- Creating Calculated Measures & Calculated Columns
- Understanding Base Measures & Metrics
Report Building (cont.)

- Commonly Used DAX Functions
  - Sum, Average, Count, DistinctCount
  - Time Intelligence (MTD, QTD, YTD, Prior Year)
  - Understanding Calculate and the filter context
  - IF, HasOneValue
  - Using a Safe Divide Function
  - UserRelationship Function
  - Using the Blank() Function

- Optimizing Measures for Self-Service BI
- Copying and Moving Measures
- Using Quick Measures
- Build a Monthly Trend Report
- Dynamic Headings & Dates
- Types of Slicers and Filters
- Understanding KPI cards
- Using Field, Format, Analytics Pane
- Building Tabular Reports
- Replicating Excel Pivot Tables
- Types of Conditional Formatting
- Optimizing the Matrix Layouts

Report Visualisations

- Choosing Visuals Based on Context
- Using Custom Visuals
- Optimizing the use of Maps
- Optimizing Waterfall Charts
- Getting Value from Scatter, Ribbon & Bullet Charts
- Moving away from 1 Dimensional Story-telling

Optimizing the Design

- Adding & Optimizing Tool Tips
- Using the Format Painter
- Visual Alignment Tips
- Custom Page Sizing
- Using Logos & Custom Icons
- Making Enhancements with Shapes and Lines
- Formatting Tips & Tricks
- Best Practice Guidelines and Development Tips
- Removing or Hiding Data Model Redundancies

Governance & Distribution

- Understanding Row Level Security
- Creating and Testing Security Roles
- Publishing Models to the Cloud Service
- Adding Users to Security Defined Roles
- Basic Sharing of Dashboards & Reports
- Creating App Workspaces
- Collaborating on Reports
- Publishing Organisational Apps for Distribution of Content
- Adding Users & Editing Workspaces
- Connecting to Apps
- Organisational Content Packs
- Role of a Power BI Cloud Service Administrator

Data Refreshing

- Overview of the Data Gateway
- Scheduling Data Refreshes
- Refreshing On-Demand
Why Choose Data Bear?

- Vertical Focus
  We’re a Power BI centric company, and a Microsoft Power BI Partner, with a vertical focus on empowering organisations with Power BI training and solutions that produce results. Our passion is to help organisations become more ‘Data Savvy’.

- Deep Domain Experience
  Having helped numerous organisations overcome the obstacles to enhanced data efficiency and empowering them with the skills to adopt a ‘data culture’, the Data Bear team has many years of ‘real life’ experience in the ‘BI – trenches’. We don’t just show you what all the various buttons and knobs do. You can learn that from documentation. Drawing on a wealth of experience, based on developing and deploying numerous best practice BI solutions globally, we’ll teach you how to build a robust Power BI solution from the ground up, ensuring that, going forward, your team has the best practice foundation to continue the process of getting the right data into the right hands.

- Long-Term Partnership
  Our friendly team of trainers and consultants understand that applying the learning to your own environment and data might result in some new questions. Ensuring your team can continue to progress towards fulfilling organizational BI needs and goals, we provide continued support packages.

- Quality
  **Quality Assurance** — as a Gold Microsoft Power BI partner, we have insight to all new Power BI update roll outs and we ensure that all our training content and best practices taught is up to date with latest Microsoft releases and new technology offerings.

- Training Locations
  **United Kingdom** We offer regular Training courses in London and throughout the UK.
  **Remote** Through remote training, we empower organizations globally, regardless of their geographical location.