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BUSINESS INTELLIGENCE: POWER BI

BY ELITE INDIGO

Connect disparate corporate data sources, build advanced relational data models, and design stunning, interactive dashboards to rapidly transform raw operational numbers into actionable business intelligence.

REGISTERED HRD CORP TRAINING PROVIDER

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Business Intelligence: Power BI

Program Overview

In today's data-driven environment, the ability to quickly consolidate information and share corporate insights is a critical competitive advantage. This immersive 2-day course introduces analysts, engineers, executives, and Excel users to the robust ecosystem of Power BI Desktop. Moving seamlessly from foundational data extraction to advanced reporting, participants will gain hands-on experience using Power Query and Power Pivot. Day 1 focuses on connecting data sources, shaping queries, and managing complex data relationships. Day 2 elevates these models through custom calculations, analytics pane clustering, and interactive dashboard formatting. Through live demonstrations and practical case-study labs, teams will master data visualization techniques to automate reporting and unlock immediate business intelligence.

Learning Objectives

By the end of the course, participants will be able to:

- Connect, import, shape and transform data for business intelligence
- Create an interactive dashboard based on a report in Power BI Desktop
- Visualise data and automate refresh of your designed reports

Duration

Two (2) Full-Day Workshop

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Business Intelligence: Power BI

Course Schedule (Day 1)

DAY/TIME	DESCRIPTION
30 Minutes	**Opening**
3 Hours	**Module 1** • Training Overview • Introduction to Power BI • Power BI Desktop, Power Query and Power Pivot • Connecting to a Database • Basic Transformation • Managing Query Groups • Splitting Columns • Changing Data Types • Working with Dates • Removing and Reordering Columns • Conditional Columns • Merge Queries
1 Hour	**Lunch**
3 Hours 30 Minutes	**Module 1 (Continued)** • Query Dependency View • Enter Data • Query Parameters • Lab 1: Used Case • Managing Data Relationships • Creating Calculated Columns • Optimising Models for Reporting • Creating Calculated Measures • Creating and Managing Hierarchies • Time Intelligence • Manually Typing in a Data Table • Include/ Exclude, Grouping/ Binning • Lab 2: Used Case
	Q&A, Summary and End of Day 1

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Course Schedule (Day 2)

DAY/TIME	DESCRIPTION
30 Minutes	**Recap of Day 1**
3 Hours	**Module 2** • Concepts of Data Visualisation • Pie and Treemap • Hierarchiccal Axis and Concatenating • Bar Chart with Line • Analytics Pane • Clustering • Slicer • Focus Mode and See Data • Data Slicer • Map Visualisations • Table and Matrix • Scatter Chart • Waterfall • Gauge, Card and KPI
1 Hour	**Lunch**
3 Hours 30 Minutes	**Module 2 (Continued)** • Colouring Charts Shape, Textbooks and Images • Gridlines and Snap to Grid • Page Layout and Formatting • Visual Relationship • Categories with No Data • Default Summarisation and Categorisation • Positioning, Aligning and Sorting Visuals • Custom Hierarchies • Working with Excel and Direct Connectivity • Lab 3: Used Case
	Q&A, Summary and End of Course

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ABOUT ELITE INDIGO

We are dedicated to empowering businesses to achieve their full potential. With a team of seasoned professionals and a wealth of industry experience, we offer tailored consulting services to help organizations overcome challenges and seize opportunities.

WHY CHOOSE US?

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OUR COURSES

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Dive into the cutting-edge world of AI, exploring algorithms, data analysis and more.

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Sharpen your technical prowess from programming, software and more.

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LEADERSHIP SKILL

Unleash your leadership potential with our Leadership Skills course

TEAMBUILDING

Understand the dynamics of teamwork, communication, and synergy



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