Mastering Power BI: Transform Data Into Actionable Insights

Duration: *2 Day(s)*

Course Overview

Step into the world of data analytics with our expert-led Power BI course, designed to turn complex data into clear insights. Beginners and seasoned professionals alike will gain the skills needed to clean, transform, and visualize data efficiently. We'll guide you through creating dynamic reports and dashboards, ensuring you leave with practical abilities immediately applicable in your career. By mastering Power BI's features, you'll enhance your data storytelling skills, essential for any modern business environment.

Review this course online at https://www.alta3.com/courses/A3-DPB01

Objectives

- Connect and prepare data with precision using Power Query Editor.
- Create and manage data relationships and models effectively.
- Craft interactive, insightful reports with advanced visualizations.
- Publish, share, and manage reports seamlessly across platforms.

Who Should Attend

- Business analysts keen on data visualization
- Data professionals seeking actionable insights
- Report developers needing interactive visuals
- Aspiring analysts wanting a data foundation

Prerequisites

- General database knowledge
- Basic data concept understanding
- Familiarity with Excel

Course Outline

Introduction to Power BI

1. Explore the Power BI ecosystem and interfaces.

Applying Extract, Transform, Load (ETL)

2. Master data cleaning and transformation techniques.
3. Leverage and modify 'M' language scripts.

Data Modeling Fundamentals

4. Construct powerful data models with DAX.
5. Understand essential data relationships.

Advanced Model Enhancements

6. Enhance models with hierarchies and synonyms.

Date Table Essentials

7. Build and integrate effective date tables.

Building Interactive Reports

8. Design reports using an array of visuals.
9. Create enriched user experiences with slicers and tooltips.

Publishing and Sharing

10. Publish reports and manage workspaces efficiently.