

Overview: [Add New Page](#)

Program ID : *TG-BI0102*

Duration : 2 days

Time : 9 a.m. -5 p.m.

In-house training is available on request.



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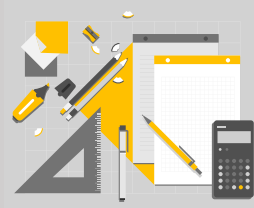
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KEY MODULES



1. Introduction to Power BI:

- ❖ Foundations of Power BI:
 - Dive into the core concepts and functionalities of Power BI for effective data visualization.
- ❖ Benefits for Engineers:
 - Explore how Power BI can streamline data-driven decision-making in engineering projects.

2. Data Connectivity and Transformation:

- ❖ Data Source Integration:
 - Learn to connect Power BI to various data sources commonly used in engineering.
- ❖ Data Transformation Techniques:
 - Master techniques for transforming raw data into meaningful insights using Power BI.

3. Visualization Techniques:

- ❖ Creating Engaging Dashboards:
 - Explore best practices for designing interactive and engaging dashboards.
- ❖ Custom Visualization:
 - Learn to enhance visualizations with custom charts and graphics tailored to engineering data.

PROGRAM HIGHLIGHTS:

COURSE BENEFITS:

Understand the foundational concepts and benefits of Power BI for engineering applications.

Learn to connect to various data sources and transform raw data for meaningful insights.

Design interactive dashboards with engaging visualizations tailored to engineering data.

Utilize Power BI for visualizing and analyzing project data, enhancing decision support in project management.

WHO SHOULD ATTEND:

Civil Engineers, Mechanical Engineers, and Data Analysts in the Engineering Sector

Project Managers and Engineering Professionals involved in Data Analysis

4. Advanced Data Modeling:

- ❖ Relationships and DAX Formulas:
 - Understand the importance of relationships in data modeling and leverage DAX formulas for advanced calculations.
- ❖ Time Intelligence Functions:
 - Dive into time intelligence functions to analyze trends and patterns in time-series data.

5. Power BI for Engineering Analytics:

- ❖ Predictive Analytics:
 - Explore the integration of predictive analytics in engineering scenarios using Power BI.
- ❖ Scenario Analysis:
 - Learn to perform scenario analysis and gain insights into potential outcomes for engineering projects.

6. Power BI in Project Management:

- ❖ Visualizing Project Data:
 - Utilize Power BI to visualize project timelines, resource allocation, and key performance indicators.
- ❖ Data-Driven Decision Support:
 - Understand how Power BI can provide decision support for effective project management.

Don't miss the opportunity to revolutionize your approach to data in engineering. Join our Power BI for Engineers program and transform raw data into actionable insights.

