



**NOTESDAY
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POWER BI CERTIFICATION COURSE FOR WORKING PROFESSIONALS

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CERTIFICATION CRITERIA – BUSINESS CASE SCENARIO PROJECT CERTIFICATION

Introduction

Duration – 3 Days (24 hours)

Power BI is a powerful business intelligence and data visualization tool that allows users to connect to various data sources, transform data, and create visually appealing and interactive reports and dashboards.

Here are some of the advantages of Power BI

- Data Integration - Power BI integrates with various Microsoft and third-party tools, including Excel, SharePoint, and Azure, making it easy to use and extend.
- Data Transformation - Power BI allows users to transform data by creating relationships between tables, defining calculated columns and measures, and using the DAX language.
- Data Visualization - Power BI allows users to create visually appealing interactive reports and dashboard that can help in understanding complex data sets.
- Data Analysis - Power BI provides various data analysis tools like filters, slicers, and drill-throughs that can help in analyzing data and identifying trends and patterns.
- Collaboration - Power BI allows users to collaborate and share reports and dashboards with other users within the organization or externally.
- Cost-Effective - Power BI is a cost-effective solution compared to other business intelligence tools available in the market.

Power BI training can help professionals get up to speed with using the tool and leveraging its full potential. This training program can teach team leaders, managers, data analysts how to connect to data sources, transform data, create visualizations, collaborate, share interactive reports and dashboards. By investing in Power BI training, organizations can improve their data analysis capabilities, make informed decisions, and gain a competitive advantage in their respective industries.

POWER BI SESSIONS



Session 1 - Introduction to Power BI

- Introduction to Business Intelligence and Data Visualization
- Understanding the Power BI architecture
- Overview of Power BI Desktop and Power BI Service
- Connecting to data sources in Power BI

Session 2 - Data Modeling in Power BI

- Creating relationships between tables
- Understanding power query
- Defining calculated columns and measures
- Introduction to DAX language

Session 3 - Creating Visualizations in Power BI

- Creating basic charts, tables, and matrices
- Using filters, slicers, and drill-throughs
- Customizing visualizations with formatting and themes



POWER BI SESSIONS



Session 4 - Advanced Visualizations in Power BI

- Creating advanced visuals like maps, gauges, and funnel charts
- Using custom visuals from the marketplace
- Designing reports with a cohesive look and feel

Session 5 - Sharing and Collaboration in Power BI

- Publishing Power BI reports to the Power BI Service
- Sharing and collaborating with others
- Using Power BI Mobile and Power BI Embedded

Session 6 - Best Practices for Power BI in the Workplace

- Tips for designing effective dashboards
- Creating reports for different stakeholders and departments
- Using Power BI for decision-making and forecasting

This session plan can be customized and tailored to the specific needs and skill level of the participants. It is important to ensure that the training program is practical and hands-on, with opportunities for participants to apply what they have learned to their own work scenarios. Additionally, it may be helpful to offer ongoing support and resources for participants to continue learning and growing their Power BI skills.

