SPYPRO SECURITY SOLUTIONS Pvt. Ltd.,
C Y B E R S E C U R I T Y

3-Days Workshop On POWER BI with GENERATIVE AI

Workshop Overview:

In today's data-driven world, organizations rely on analytics and intelligent insights to make informed decisions. Power BI combined with Generative AI enables professionals to analyze data, build interactive dashboards, and generate AI-driven insights with ease.

This three-day comprehensive workshop is designed to provide participants with a strong foundation in Power BI and Generative AI concepts. Through a blend of theoretical understanding and hands-on practical sessions, participants will learn how to transform raw data into meaningful business insights.

Day 1: Power BI Fundamentals & Data Analytics

Session 1:
- Welcome and workshop introduction
- Overview of Data Analytics & Business Intelligence
- Introduction to Power BI and its ecosystem
- Understanding data-driven decision making

Session 2:
- Installing and exploring Power BI Desktop
- Connecting to data sources (Excel, CSV, Databases)
- Basic data cleaning using Power Query
- Hands-on exercise: Loading and preparing data

Session 3:
- Introduction to data visualization principles
- Creating charts, tables, and basic reports
- Using filters and slicers
- Hands-on exercise: Building first Power BI report

Day 2: Data Modeling, DAX & AI Features

Session 1:
- Data modeling concepts and relationships
- Introduction to DAX (calculated columns & measures)
- Common DAX functions
- Hands-on exercise: Creating measures

Session 2:
- Advanced visuals and interactive dashboards
- Drill-through and tooltips
- Performance optimization basics

Session 3:
- Introduction to Generative AI concepts
- AI visuals in Power BI (Q&A, Smart Narratives)
- Natural language queries for insights
- Hands-on exercise: AI-powered insights

Day 3: Projects, Sharing & Career Guidance

Session 1:
- End-to-end Power BI project walkthrough
- Real-world business use cases
- Best practices for dashboard design

Session 2:
- Publishing reports to Power BI Service
- Sharing, embedding, and collaboration
- Data security and access control

Session 3:

- Mini Power BI with Gen AI project
- Project presentation and feedback
- Resume building and interview tips
- Q&A and workshop conclusion

Conclusion:

This **3-day Power BI with Generative AI workshop** equips participants with essential skills in data analysis, visualization, and AI-driven storytelling. By the end of the workshop, participants will be able to create interactive dashboards and extract intelligent insights for business decision-making.

SPYPRO SECURITY SOLUTIONS Pvt. Ltd.,
C Y B E R   S E C U R I T Y

Spypro Security Solutions Pvt. Ltd.,
Cyber Security | Machine Learning | Projects & Training

Phone : +91 818 288 1234
Phone : +91 818 289 1234
Landline : 0866 461 7587
Email: info@spyprosecuritysolutions.com

Address: 100 Feet road backside, Madhapur, Hyderabad, Telanagana,500081

https://spyprosecuritysolutions.com/