



# SPYPRO SECURITY SOLUTIONS Pvt. Ltd.,

C Y B E R S E C U R I T Y

## 5-Days Workshop on POWER BI with GENERATIVE AI

---

In today's data-driven world, organizations rely on data analytics and intelligent insights to make better decisions. Power BI with Generative AI enables professionals to analyze data, create interactive dashboards, and generate smart insights using AI-powered features.

The Comprehensive Power BI with Generative AI Workshop is a 5-day immersive training program designed to equip participants with practical knowledge and hands-on skills to transform raw data into meaningful business insights.

### Topics to be covered in Power BI with Gen AI

#### Day 1: Data Analytics & Power BI Fundamentals

- Introduction to Data Analytics and Business Intelligence
- Overview of Power BI and its components
- Installing and navigating Power BI Desktop
- Connecting to data sources (Excel, CSV, Databases)
- Hands-on: Creating basic reports and visuals

#### Day 2: Data Modeling & Visualization

- Data cleaning and transformation using Power Query
- Data modeling concepts & relationships
- DAX basics (calculated columns & measures)
- Creating interactive charts, tables & dashboards
- Hands-on: Designing dynamic dashboards

### **Day 3: Advanced Power BI & DAX**

- Advanced DAX functions
- Filters, slicers & drill-through
- Performance optimization techniques
- Publishing reports to Power BI Service
- Hands-on: Advanced analytics dashboards

### **Day 4: Generative AI Integration**

- Introduction to Generative AI concepts
- AI visuals in Power BI (Q&A, Smart Narratives)
- Copilot & AI-powered insights
- Natural language queries for data analysis
- Hands-on: AI-driven insights & storytelling

### **Day 5: Projects, Deployment & Career Guidance**

- End-to-end Power BI project
- Real-world business use cases
- Sharing & embedding Power BI reports
- Best practices for dashboards
- Resume tips & interview preparation
- Project presentation

**Duration:** The duration of this workshop will be three consecutive days, with 6 hour session each day in a total of 30 hours properly divided into theory and hands on practicals sessions.

#### **Certification Policy:**

- Certificate of Merit for all the workshop participants from SmartBridge.
- At the end of this workshop, a small competition will be organized among the participating students and winners will be awarded with a 'Certificate of Excellence'.
- Certificate of Coordination for the coordinators of the campus workshops
- Internship and placement also provide for selected student..

**Eligibility:** It's a basic level workshop so there are no prerequisites. Anyone interested, can join this workshop.

**Pre-Requisites:**

- Seminar hall/classroom having sitting capacity of 200 students for conducting hands on session for all the participants.
- Good Quality public address system ideally one/two cordless mikes will be required.
- Projector/ Screen along with black/white board for teaching and presentation purposes.
- One small stereo jack cord to connect in laptop for its sound system.
- Laptop/Computer per two students is necessary.

**Power BI | Generative AI | Data Analytics | Internships | Projects & Training**

**<https://spyprosecuirtyolutions.com/>**

**EMAIL: [info@spyprosecuirtyolutions.com](mailto:info@spyprosecuirtyolutions.com)**

**PHONE: +918182881234**

**PHONE: +918182891234**

**LAND LINE NUMBER:0866-4617587**

**Address:100 Feet Road Backside Madhapur, Hyderabad**