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SOLUTIONS

POWER BI BROCHURE



About Glowlogics

Glowlogics is a **government-verified MSME and Startup India-recognized company offering ISO-certified internships. In partnership with Techfest IIT Bombay**, we are committed to fostering innovation and skill development, providing practical, industry-relevant education

Program Overview

Learn to transform raw data into interactive dashboards and business insights using Power BI. This program covers data modeling, DAX formulas, visual reports, and real-world project work designed for students and professionals aiming for analytics roles.

Program Highlights

- **Live Projects & Case Studies**
- **Data Modeling & DAX Formulas**
- **Interactive Dashboards & Reports**
- **Power BI Cloud Service**
- **Certification Upon Completion**

Curriculum Overview

Module 1: Introduction to Power BI

- What is Power BI?
- Power BI vs Excel vs Tableau
- Components: Power BI Desktop, Service, and Mobile App
- Data Analytics Flow with Power BI
- Use cases in business and industry

Module 2: Getting Started with Power BI Desktop

- Interface overview
- Connecting to various data sources (Excel, CSV, Web, SQL)
- Data load vs direct query
- Basic data transformation

Module 3: Power Query Editor (ETL)

- Cleaning & transforming data
- Removing errors, duplicates
- Column splitting, merging, and data typing
- Using applied steps and query folding
- Data profiling and quality checks

Module 4: Data Modeling

- Star schema vs snowflake schema
- Creating relationships between tables
- Primary & foreign keys
- Understanding cardinality and cross filter direction
- Normalization vs denormalization

Module 5: DAX (Data Analysis Expressions)

- Calculated columns vs measures
- Basic DAX functions: SUM, COUNT, DISTINCTCOUNT
- Logical functions: IF, SWITCH
- Time intelligence: YTD, MTD, SAMEPERIODLASTYEAR
- Aggregation and filter functions

Module 6: Visualizations

- Bar, line, pie, waterfall, gauge, combo charts
- Slicers, cards, KPIs, matrix, table
- Custom visuals and marketplace
- Conditional formatting and drill-downs
- Best practices for dashboards

Module 7: Power BI Service (Cloud)

- Publishing reports to Power BI Service
- Creating and sharing dashboards
- Workspaces, datasets, reports, and apps
- Scheduled data refresh
- Row-level security basics

Module 8: Power BI Project + Case Study

- End-to-end dashboard creation using a business dataset
- Applying ETL, modeling, DAX, and visuals
- Storytelling with data
- Client presentation practice

Sample Projects

These are sample projects only. Unique capstone projects will be discussed in the live class

- Sales Performance Dashboard
- HR Analytics Dashboard
- Student Performance Tracker
- Profit & Loss (P&L) Overview
- Website Traffic Analysis
- Inventory Management Dashboard
- Covid-19 Global Tracker

Career Opportunities

Upon completing the PowerBI Certification Program, students will be equipped for roles such as:

- Power BI Developer
- Business Intelligence Analyst
- Data Analyst
- BI Consultant
- Power Platform Specialist
- Data Visualization Specialist
- Business Analyst (with BI skills)

Certificates

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CERTIFICATION OF INTERNSHIP

Congratulation, **SAMPLE NAME**

has successfully completed WEB DEVELOPMENT Internship at Glowlogics Solutions in the month of 12 MAR 2025 to 09 MAY 2025
We appreciate [his/her/their] efforts and wish [him/her/them] success in future endeavors.


Academic Head



#startupindia

ID : WD25-GL01-I009 Issue Date : 12 March 2025

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CERTIFICATE

OF COURSE COMPLETION

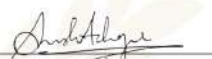
THIS CERTIFICATE IS PROUDLY PRESENTED TO

Sample Name

has successfully completed "Program Name" certification with Grade A+ from Glowlogics Solutions and has proven his/her competency with utmost dedication and promise

9July 2025
Date




Academic Head

Certificate ID: DS25-GL01-C025



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