



# POWER BI COURSE BROCHURE

*Train to be an Expert in Power BI*





# SELF-PACED LEARNING



# WHY LEARN POWER BI?

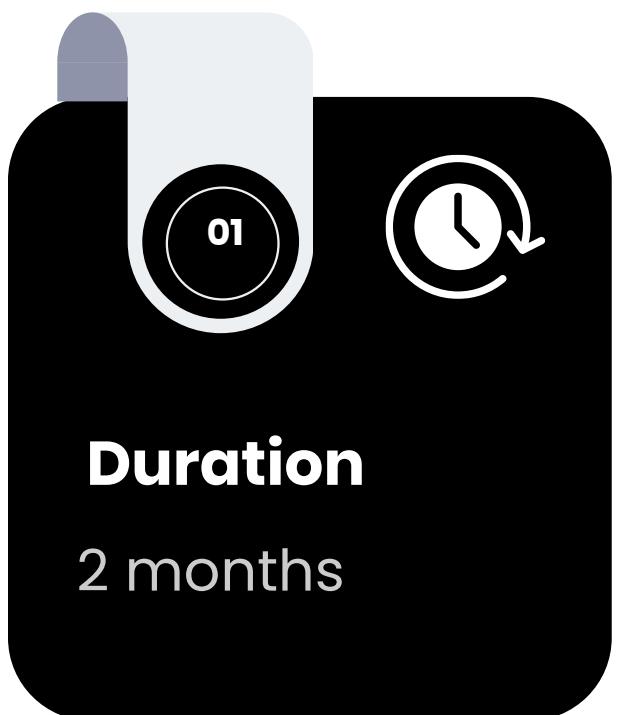


Power BI gives you the ability to transform static rows of data into dynamic, visual stories that drive real, measurable results. In today's fast-paced digital economy, organizations no longer rely on stale reports; they need real-time clarity to track performance and uncover hidden opportunities instantly. This shift has made Data Visualization and Business Intelligence one of the most critical and high-leverage capabilities in modern organizations.

Learning Power BI equips you with the technical and aesthetic mastery to connect, model, and visualize data effectively. You move beyond basic charts to building interactive dashboards, managing complex data relationships, and delivering automated insights with confidence. By bridging the gap between raw data and executive decision-making, you turn complex information into high-impact visuals that drive organizational success.

Beyond strong career opportunities, Power BI empowers you to democratize data, lead digital transformation, and deliver impact at scale. It is a future-ready discipline that keeps you at the forefront of the data revolution, giving you the power not just to report the past, but to predict the future and shape the direction of successful initiatives.

# REQUIREMENTS

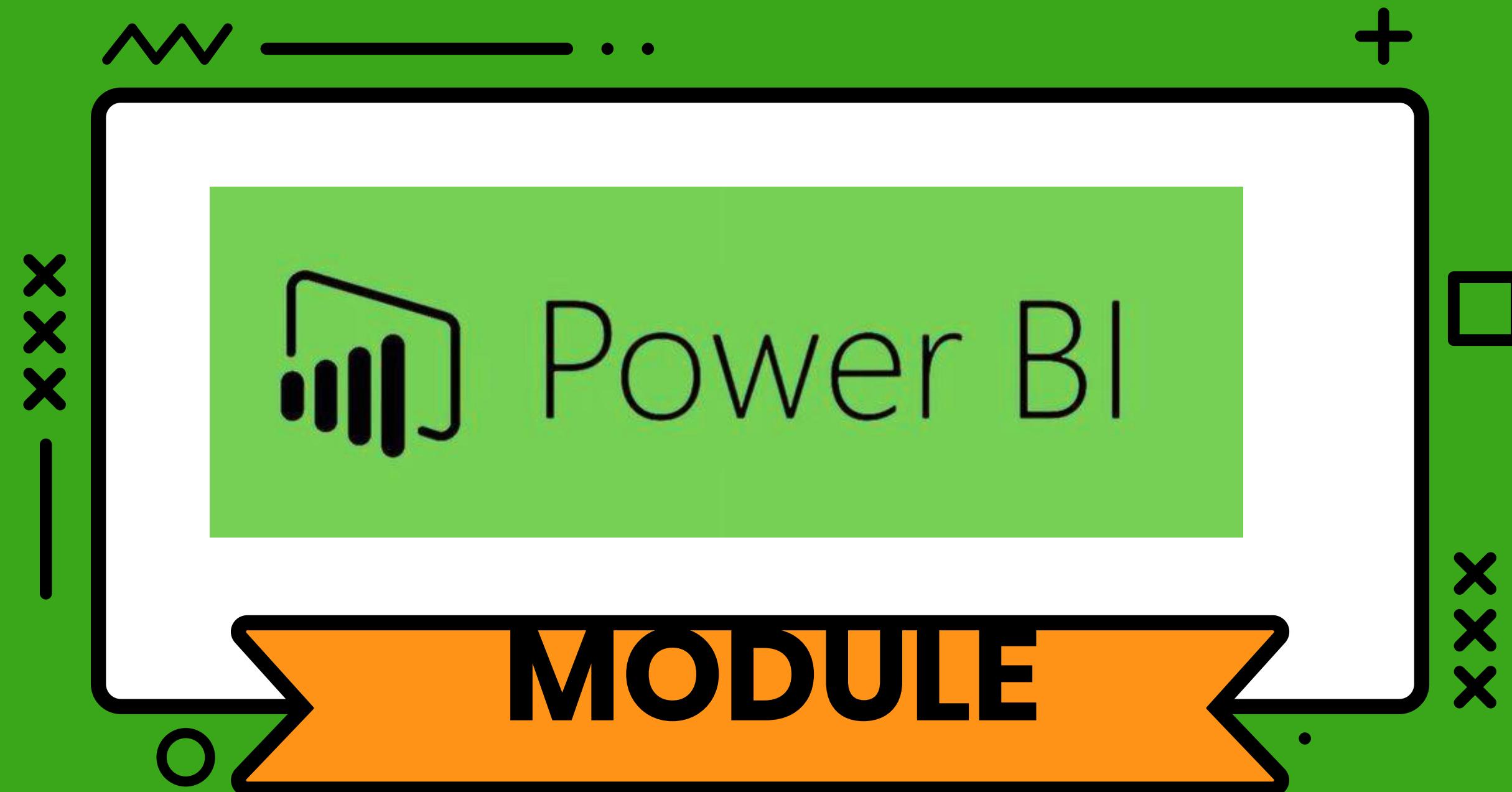


***Build skills that solve problems, and your career will always be in demand.***



## OUR CURRICULUM





# Module 1 | POWER BI

## 1. Introduction to Business Intelligence

- What is Business Intelligence (BI)?
- Understanding data-driven decision making
- Overview of Power BI ecosystem and components

## 1. Getting Started with Power BI Desktop

- Installing Power BI Desktop
- Power BI interface walkthrough
- Understanding different Power BI views (Report, Data, Model)
- Connecting to data sources (Excel, CSV, Web, SQL Server, etc.)

## 1. Basic Data Loading and Transformation

- **Introduction to Power Query Editor**
- **Importing and transforming data**
- **Removing duplicates, handling missing data, changing data types**
- **Appending and merging queries**

## 2. Creating Basic Visualizations

- **Understanding visualization types (bar, line, pie, map, cards, tables)**
- **Creating your first Power BI report**
- **Formatting visuals and adding titles/labels**
- **Introduction to slicers and filters**

# Module 1 | POWER BI

## 1. Data Relationships

- What are relationships in Power BI?
- Understanding primary and foreign keys
- Creating and managing relationships manually and automatically

## 2. Introduction to Power BI Terminologies

- Datasets, dashboards, reports, tiles, and workspaces
- Power BI Desktop vs Power BI Service

# Module 2

## DATA PREPARATION & MODELLING

### 1. Advanced Power Query (ETL Process)

1. Applying transformations step-by-step
2. Splitting and merging columns
3. Unpivoting and pivoting data
4. Conditional columns and custom columns
5. Using parameters and functions in Power Query

### 2. Data Modelling Best Practices

1. Star schema and snowflake schema explained
2. Building efficient data models
3. Managing data relationships and cardinality

### 1. Introduction to DAX (Data Analysis Expressions)

- Difference between calculated columns and measures
- Syntax and logic of DAX
- Basic functions: SUM, COUNT, DISTINCTCOUNT, AVERAGE, MIN, MAX

### 2. Intermediate DAX Concepts

- Logical functions: IF, SWITCH
- Text functions: CONCATENATE, LEFT, RIGHT, FIND
- Time Intelligence functions: TOTALYTD, SAMEPERIODLASTYEAR
- CALCULATE and FILTER functions explained

# Module 3 | DATA VISUALIZATION & STORYTELLING

## 1. Advanced Visuals

- Using matrix, maps, decomposition tree, and waterfall charts
- Custom visuals from the Power BI marketplace
- KPI cards, gauge charts, and key influencer visuals

## 2. Data Storytelling Techniques

- Understanding your audience
- Designing for clarity and simplicity
- Color theory and layout best practices
- Using bookmarks and buttons for interactivity

## 1. Dynamic Visuals and Filters

- Using slicers and page navigation
- Drill-throughs and tooltips
- Syncing slicers across pages

## 2. Dashboard Design Principles

- Building executive dashboards
- Real-time dashboards and KPI monitoring

# Module 4

## ADVANCED ANALYTICS WITH POWER BI

### 1. Advanced DAX Functions

- Context transition: Row vs Filter context
- Understanding ALL, ALLEXCEPT, VALUES, and RELATED
- Advanced CALCULATE usage
- Ranking functions (RANKX)
- Dynamic titles and measures

### 2. Time Intelligence in Depth

- Year-over-year (YoY), Month-over-month (MoM), and Quarter-over-quarter (QoQ) comparisons

### 1. Analytics Features

- Forecasting and trend lines
- Clustering and grouping
- What-if analysis and parameters



# Module 5 | POWER BI SERVICE, AUTOMATION & PROJECT DELIVERY

## 1. Power BI Service Overview

- Publishing reports to Power BI Service
- Creating dashboards from reports
- Managing datasets and gateways

## 2. Collaboration and Sharing

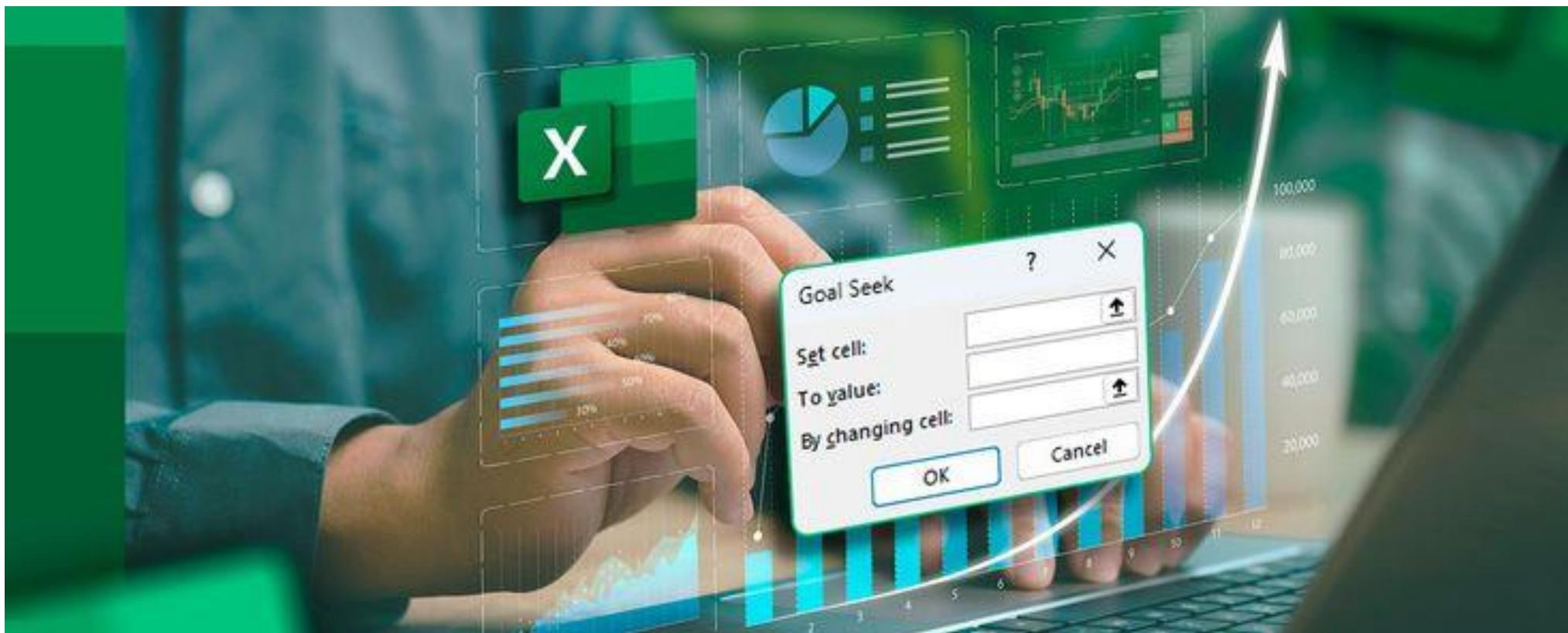
- Sharing dashboards and reports securely
- App workspaces and Power BI apps
- Row-level security (RLS) for user-based access

## 1. Automation and Refresh

- Setting up data refresh schedules
- Using Power Automate with Power BI
- Alerts and notifications



# BUILD 3 SOLID PROJECTS



# Industries That Employ Power BI Expert

**Technology and Software Companies**

**Finance and Banking**

**Healthcare and Pharmaceuticals**

**E-commerce and Retail**

**Telecommunications**

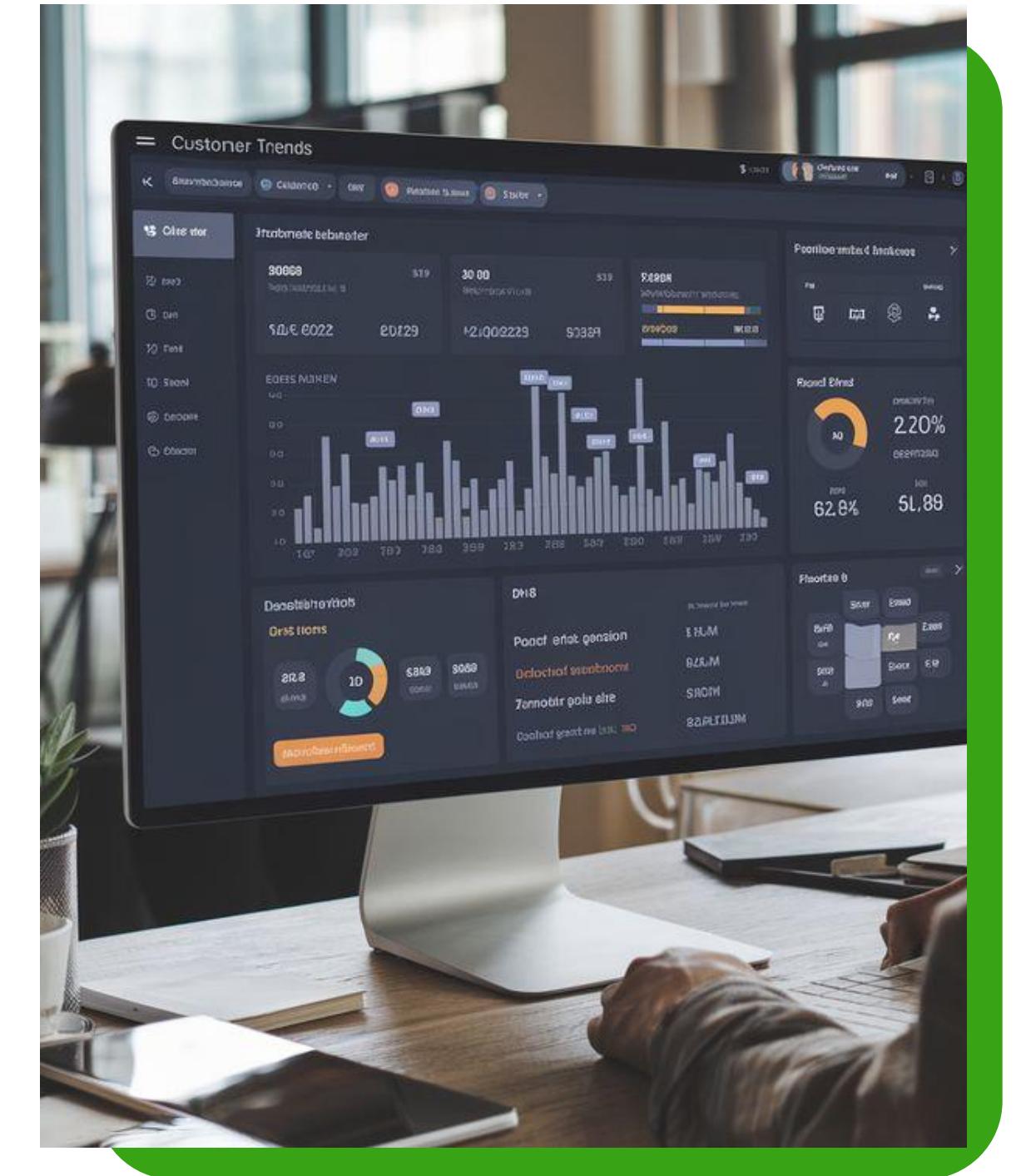
**Manufacturing and Production**

**Energy and Utilities**

**Government and Public Sector**

**Education and EdTech**

**Media & Entertainment**



# WHY TRAIN WITH US?



**Practical, Job  
Ready Training**



**Industry-  
Standard Tools  
& Technologies**



**Expert  
Instructors With  
Real Experience**



**Personalized  
Mentorship &  
Support**



**Flexible and  
Beginner-Friendly**



**Certification  
That Boosts  
Your CV**



**Career  
Guidance &  
Portfolio  
Development**



**Supportive  
Community**



**Proven Success  
Stories**



**Affordable  
Quality Training**

# Real world case studies



case study

# MEET OUR FACILITATORS



**Chinyere  
Chukwuka**

Chinyere is a high-impact Data Analyst who specializes in turning complex datasets into clear, actionable business strategies. Renowned for her mastery of Advanced Excel and modern BI tools, she excels at building automated dashboards and interactive visualizations that streamline decision-making. Her "speed of light" work ethic and ability to solve intricate business problems make her an invaluable asset to any data-driven team.



# JOIN OUR NEXT COHORT



# 2026 TRAINING CALENDAR



**January**

**10**

Saturday

**February**

**14**

Saturday

**March**

**14**

Saturday

**April**

**11**

Saturday

**May**

**09**

Saturday

**June**

**13**

Saturday

**July**

**11**

Saturday

**August**

**08**

Saturday

**September**

**12**

Saturday

**October**

**10**

Saturday

**November**

**14**

Saturday

**December**

**12**

Saturday

# **PROGRAM FEES**

# Testimonial

The following are genuine testimonials that we have received from our past students who have proven the benefits of the services we have provided to them.



**Sodiq**



I've attended other online classes before, but Amdor Analytics stands out for me. The facilitator is engaging, the sessions are practical, and the support team is responsive. I feel like I'm part of a real community that wants me to succeed. I'm happy I made this choice



**Chinasa Fabian-Ijeruh**



Before joining Amdor Analytics, I had no prior tech background. Now, I can confidently analyze data and build reports. The facilitator is very supportive and always encourages us to practice. The training has made me believe that anyone can learn tech if they're in the right environment.



**Chidimma Uzochukwu**



It's been an eye-opening experience learning at Amdor Analytics. The way the facilitator breaks down each lesson into relatable examples makes learning easy. Even though the pace is fast sometimes, the explanations are clear, and the resources provided are excellent. I'm really grateful for this opportunity.

# Testimonial

The following are genuine testimonials that we have received from our past students who have proven the benefits of the services we have provided to them.



# Testimonial

The following are genuine testimonials that we have received from our past students who have proven the benefits of the services we have provided to them.





# CONTACT US



+234 811 408 7403



@amdoranalytics



[www.amdoranalytics.io](http://www.amdoranalytics.io)