



Applied Business Intelligence

In partnership with:

Introduction

Move beyond dashboards and learn how to build end-to-end Business Intelligence systems that drive strategic decision-making. Delivered in partnership with Angani, this 14-week, instructor-led and project-based course is designed for data analysts and professionals with foundational data skills who want to advance their BI expertise.

Learn from industry experts with 10+ years of experience and gain hands-on experience building real-world BI solutions. By the end of the program, you'll have a portfolio of practical BI projects that demonstrate your ability to deliver measurable business impact and support smarter decision-making across organizations.

What You Will Learn

1

Translate

Turn business questions into decision-ready data solutions

2

Design

Build scalable data models with star and snowflake schemas

3

Build

Create interactive Power BI dashboards tied to clear KPIs

4

Present

Communicate insights that influence strategy

Who is this course for?

- Data analysts moving into BI roles
- Moringa Data Analytics or Data Science graduates upskilling
- Mid-level professionals in finance, sales, ops, or marketing who work with data

What are the requirements to join?



Foundational skills
in data analytics or
Power BI



2+ years of relevant
work experience



Core i5 laptop, 8 GB
RAM, stable internet
connection



Not suitable for absolute beginners,
*learners should be comfortable
working with data or Power BI tools*

Course Overview

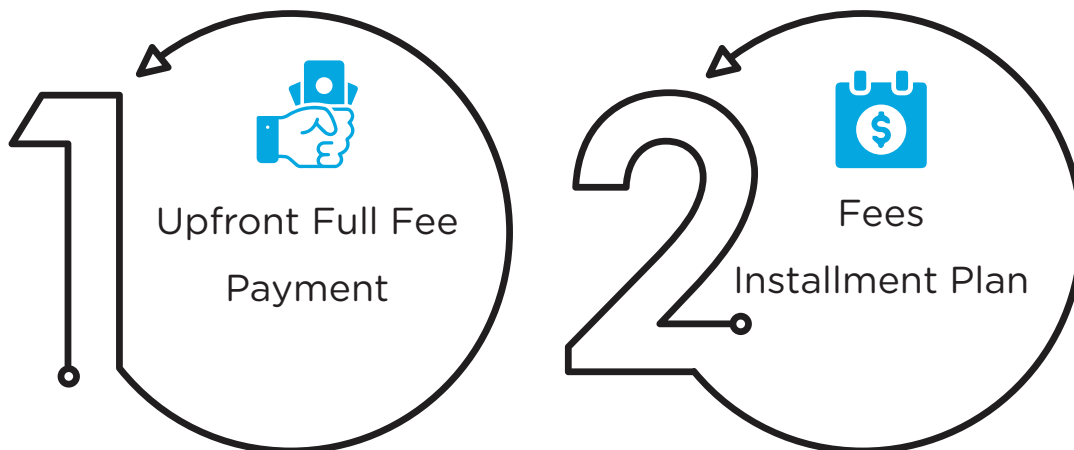
Part-Time Online Classes

Duration - 14 weeks

Mode - 100% live & online classes | Mon & Thurs 6 pm - 9 pm E.A.T

Tuition Fees - Ksh 115,000

Fee Payment Options Available



Course Outline

Orientation & Onboarding

- Course Overview
- System configurations and installations
- Onboarding

BI Foundations & Power BI Fundamentals

- Build a strong foundation in Business Intelligence by understanding how data drives decisions, learning the BI lifecycle, and getting hands-on with Power BI to create your first dashboard from real-world data.

Business Understanding + Requirement Gathering + Project Scoping

- Learn how to translate business needs into data solutions by working with stakeholders, defining KPIs, and scoping BI projects while building real-world documentation and delivering your first project milestone.

Data Preparation + Data Quality + Power Query Fundamentals

- Learn to clean, transform, and validate data using Power Query, ensuring high-quality, analysis-ready datasets through practical, hands-on BI exercises.

Data Modelling + Star Schema + Relationships

- Learn the fundamentals of BI data modeling design clean, efficient models with fact and dimension tables, star and snowflake schemas, relationships, and date tables to ensure accurate, high-performance reporting in Power BI.

Course Outline

Health & Wellness Break

Projects Introduction: Simple Case Study

- Students select from 2-3 simple real-life case studies
- Apply the learnings from weeks 1-4 to solve the case studies and, where relevant, build dashboards.

Project 1 - 3: Moderate Complexity Case Study

- Begin medium-complexity project
- Introduce Capstone Project
- Capstone business understanding
- Capstone data model

Health & Wellness Break

Project 4 - 6: Complex Case Study

- Complex Case Study Project
- Capstone Storyboard & Narrative

Final Capstone Project

- Submit Final Capstone Project

Learning Outcomes

By the end of this course, you will be able to:

- Translate business questions into decision-ready BI solutions
- Design scalable data models using star schemas
- Build interactive Power BI dashboards tied to KPIs
- Apply BI skills on real-world case studies and capstone projects
- Present insights clearly to influence business decisions.

Contact Details



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