



# DATA SCIENCE BROCHURE

*Become a certified Data Scientist*



# PROGRAM OVERVIEW

➡ Saturday Live Classes for 4 months

➡ 1-Month Internship

➡ CV Review

➡ LinkedIn Optimization

➡ Interview Preparation  
➡ Post-Training Support

➡ Mentorship Sessions

➡ Career Pathway Guidance





# WHY CONSIDER DATA SCIENCE?



In a world producing 402 million terabytes of data daily, the ability to translate noise into strategy is the ultimate competitive advantage. By learning Data Science, you transition from a spectator of the digital revolution to its architect. You gain the power to influence any industry—from healthcare to finance—by unlocking the high-value stories hidden within raw numbers.

With a projected 34% job growth over the next decade, this field offers unmatched career resilience. Rather than being replaced by AI, you become the person who builds and directs it. You move beyond simply describing the past to engineering predictive models that forecast the future, bridging the gap between raw computational power and strategic innovation.

Ultimately, Data Science makes you the most persuasive person in the room. By replacing "gut feelings" with evidence-based certainty, you gain the unique ability to distill complex problems into clear narratives that drive executive decisions. This is your opportunity to move beyond spreadsheets and build the intelligent engines that run the modern world.

# REQUIREMENT

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01



**Duration**  
4 Months

02



**Internship**  
4 Weeks

03



**Skill Level**  
Beginner to  
Master



**Success in your career  
is not about luck; it's  
about preparation  
meeting opportunity**



# OUR CURRICULUM



# DATA SCIENCE

**MODULE**



# MODULE 1 — Python Programming for Data Science (Foundations)



- Introduction to Python & Jupyter Notebook
- Variables, Data Types & Type Conversion
- Input/Output, Comments & Code Structuring
- Control Flow: if, elif, else
- Loops: for, while, break, continue
- Functions (def, parameters, return values)
- Python Collections: Lists, Tuples, Sets, Dictionaries
- Error Handling Basics
- Introduction to Modules & Packages
- Practical Coding Exercises

# MODULE 2 — Data Manipulation with NumPy & Pandas



- NumPy arrays, indexing, slicing, broadcasting
- Creating and manipulating arrays
- Pandas Series and DataFrame
- Importing CSV, Excel, JSON datasets
- Data cleaning techniques
- Handling missing values
- Data transformation & feature engineering basic
- Groupby, merging, concatenation, joins
- Practical exercises and mini-projects



# MODULE 3 — Data Visualization & Exploratory Data Analysis



- Introduction to Matplotlib & Seaborn
- Chart types: bar, line, scatter, heatmaps, histograms
- Multi-plot visualizations
- Visual storytelling principles
- Identifying trends, patterns, outliers
- EDA workflow on real datasets
- Insights extraction for business problems
- Mini-project: EDA on customer, finance, or health dataset

# MODULE 4 — Statistics for Data Science (Applied)



- Introduction to Matplotlib & Seaborn
- Chart types: bar, line, scatter, heatmaps, histograms
- Multi-plot visualizations
- Visual storytelling principles
- Identifying trends, patterns, outliers
- EDA workflow on real datasets
- Insights extraction for business problems
- Mini-project: EDA on customer, finance, or health dataset

# MODULE 5 — SQL for Data Scientists



- SQL syntax, SELECT, WHERE, ORDER BY
- Aggregations & grouping
- JOINS (Inner, Left, Right, Full)
- Subqueries
- Views & simple stored functions
- Data extraction for analysis
- Hands-on practice using real databases
- End-of-module SQL mini project



# MODULE 6 — Introduction to Machine Learning



MACHINE  
LEARNING

- What is Machine Learning?
- Types of ML (Supervised vs Unsupervised)
- Train-test split, cross-validation
- Evaluation metrics (accuracy, precision, recall, ROC AUC)
- Regression models: Linear, Multiple, Polynomial
- Classification models: Logistic, KNN, Decision Trees
- Clustering: K-Means
- Model deployment overview
- Build 2 ML mini-projects

# MODULE 7 — Capstone Project (End-to-End Data Science Project)



- Problem definition
- Data sourcing & cleaning
- Exploratory Data Analysis
- Feature engineering
- Model selection & evaluation
- Insights reporting
- Dashboard/story presentation

# Industries That Employ Data Scientist

**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**

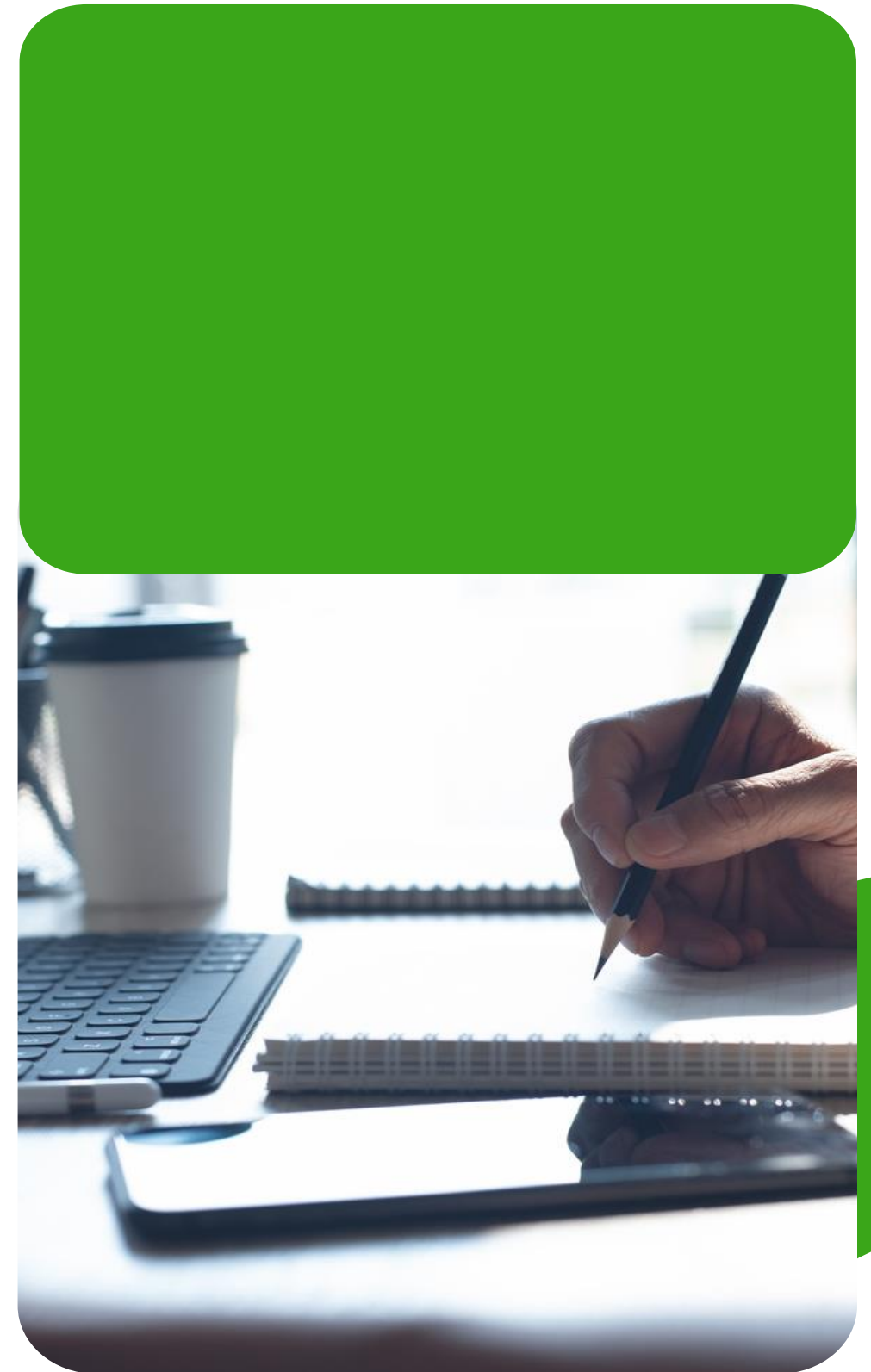


**Proven Success  
Stories**



**Affordable  
Quality Training**

# Real world case studies



# GROWTH INTERNSHIP PROGRAM





# JOIN OUR NEXT COHORT



# 2026 TRAINING CALENDER



**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**



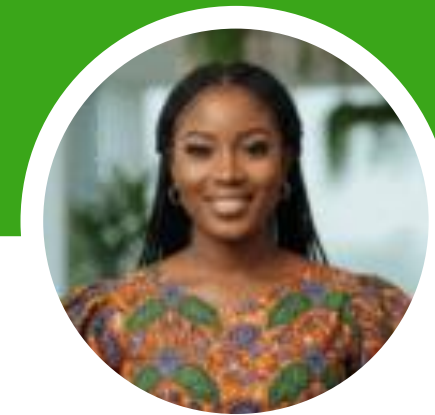
I've attended other online classes before, but Amdor Analytics stands out for me. The facilitator is engaging, the sessions are practical, and the support team is responsive. I feel like I'm part of a real community that wants me to succeed. I'm happy I made this choice



**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.



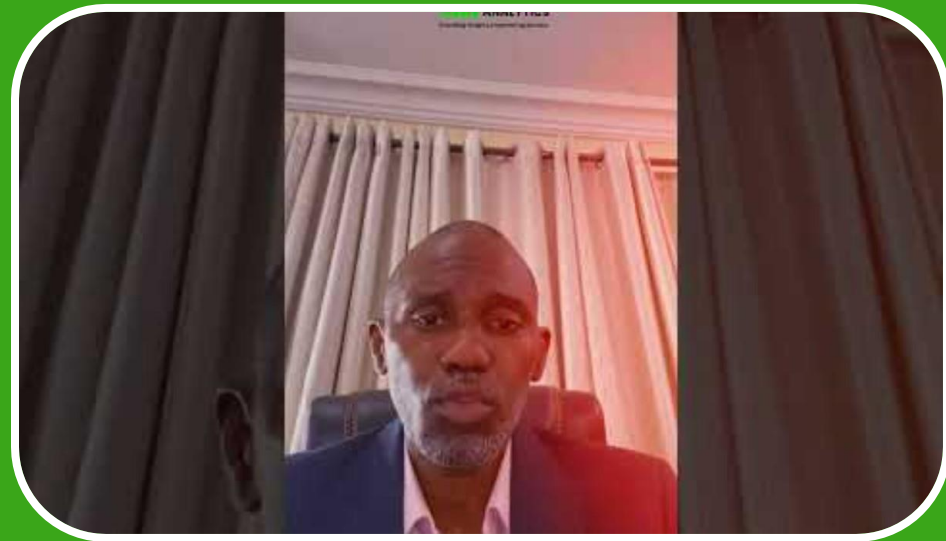
**Chidimma Uzochukwu**



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

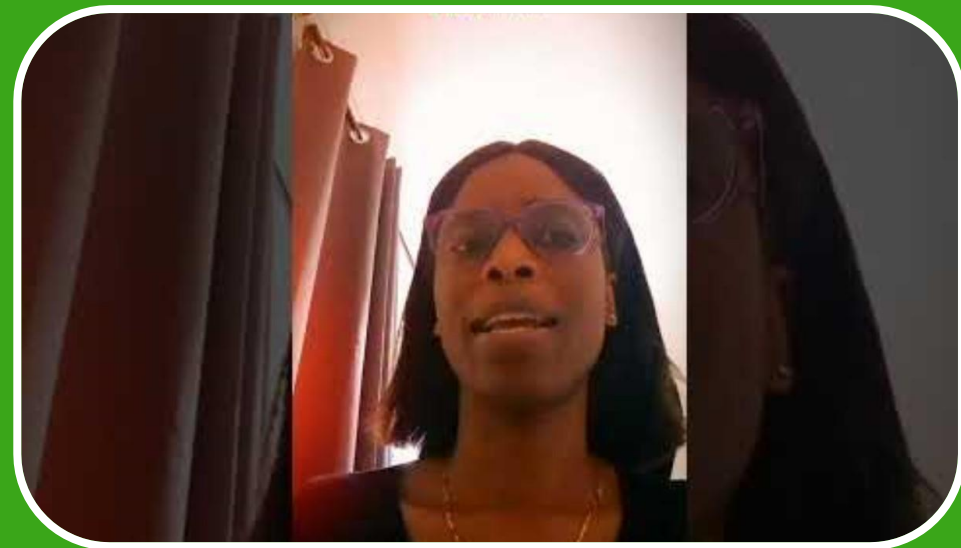
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# CONTACT US



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