



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?



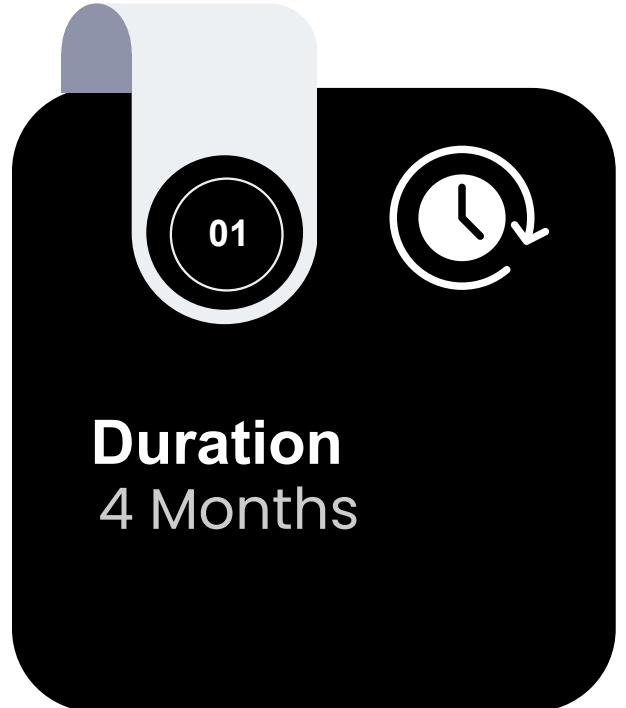
In a world producing 402 million terabytes of data daily, the ability to translate noise into strategy is the ultimate competitive advantage. By learning Data Science, you transition from a spectator of the digital revolution to its architect. You gain the power to influence any industry—from healthcare 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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**Success in your career
is not about luck; it's
about preparation
meeting opportunity**

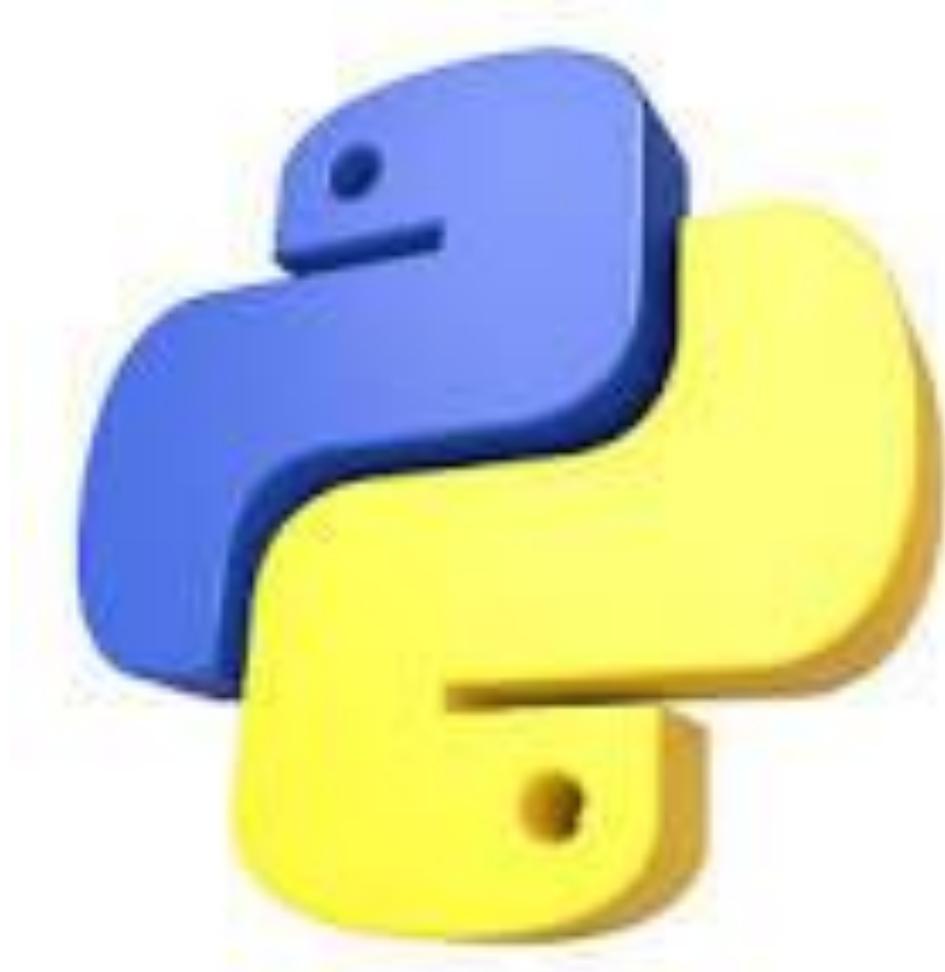


OUR CURRICULUM





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 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.

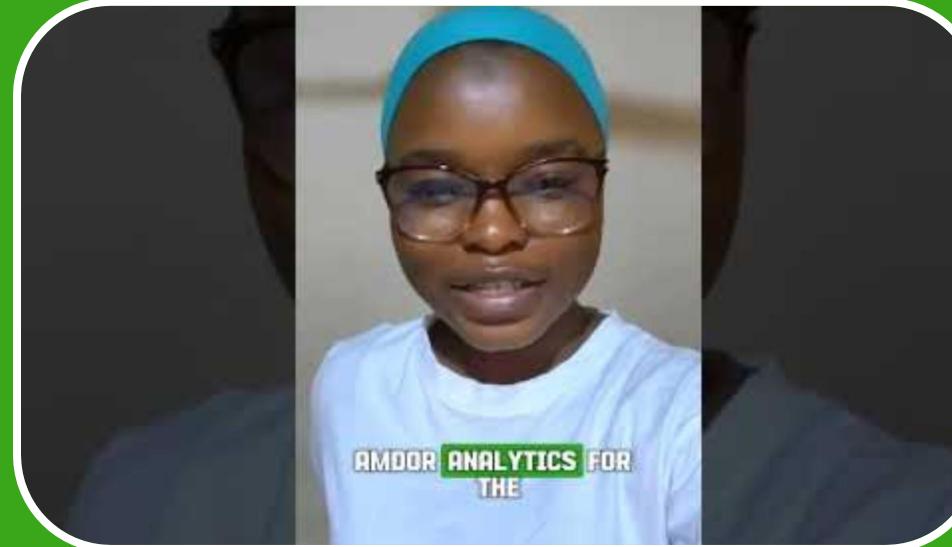
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