



In partnership with



Data Analytics Programme

5 Months (20–30 hrs per week)

What is Data Analytics?

Our programme empowers learners with essential skills and knowledge to excel in data analysis. Data analytics involves systematically analysing, interpreting, and visualising data to optimise processes, enhance customer experiences, and achieve strategic goals for organisations.

Why Data Analytics?

Becoming a Data Analyst grants you the power to enhance efficiency and elevate company performance by deciphering data patterns. You'll navigate complex datasets, advance programming skills, and utilise them for data manipulation, analysis, and exploration.

Programme Objectives

- Master data analysis techniques, programming languages, and tools like SQL and Power BI for practical application in various industries.
- Explore ethical considerations in data analytics and ensure compliance with industry standards.
- Gain hands-on experience through projects, workshops, and networking opportunities.
- Receive personalised career support for securing rewarding data analytics roles.
- Stay updated on emerging trends through ongoing professional development.

Why Choose Us?

Professional Foundations

Before starting the Data Analytics programme, learners complete our 8-week foundational training, acquiring vital skills like self-awareness, teamwork, communication, and critical thinking, essential for success in tech.

Problem-Solving Power

Acquire the ability to tackle complex problems by extracting insights from data.

Certification

The programme awards graduates with a Data Analytics certificate, affirming their expertise and strengthening their credentials.

ALX Fellowship

Facilitating personal and professional growth by joining ALX Fellowship, a prestigious talent community offering valuable resources and networking opportunities.

Tools Learners Get to Use



Google
Sheets



PowerBI



Microsoft SQL
Server

5-Month

Programme

100%

Digital (Online)
Learning
programme

20-30 hrs

Per Week

Professional Foundations Schedule

08 Weeks (20–30hrs / week)

What is Professional Foundations?

- A career-readiness training module to kick-start your ALX learning journey before moving on to your chosen specialisation.
- Learn exceptional communication, teamwork, and leadership skills that make ALX graduates top picks in the job market.
- Be ready for a real-world career with soft skills that keep you ahead in the rapidly changing tech industry.

Weekly Content

Week 01

- Getting Started
- Habits for Developing Intrapersonal Intelligence
- Onboarding & Programme Overview
- The ALX Fellowship
- Values & Community
- GCGOs for Africa

Week 02

- Movement and Mental Health
- Karibu Lessons
- Values & Empathy
- Exploring African GCGOs
- Self Awareness & Emotional Intelligence
- Growth Mindset & Grit
- Self Regulation & Improvement
- Time Management

Week 03

- Morning Pages for Personal Reflection
- Habit Formation
- Goal Setting
- Defining Problems & User Stories
- Problem Solving
- Asking the Right Questions
- Research Methodology & Ethics

Week 04

- Meditation
- Goal Setting
- Communication for Impact
- Creating Presentations & Technical Writing
- Communication in Tech Teams
- Design Thinking
- Work Planning

Week 05

- Boosting Intrapersonal Intelligence
- Problem Definition
- Teamwork Best Practices
- Agile Technology Teams: Roles & Processes
- Research & Data Gathering
- Data Cleaning & Preparation
- Data Visualization
- Identifying Opportunities
- Generating Solutions
- Understanding the Market

Week 06

- Refresher on Habits for Intrapersonal Intelligence
- Understanding the User
- User Interviews
- Intro to Wireframes & Prototypes
- Teamwork & Team Communication
- Conflict Management & Negotiation
- Generating Solutions & Making Decisions
- Human Centered Design

Week 07

- Personal Reflection on Intrapersonal Growth
- Generating Solution
- Product Requirements
- Pitch Preparation
- Powerful Presentations
- Identifying Opportunities
- Wireframes & Prototypes

Week 08

- Committing to your Intrapersonal Growth
- Elevator Pitch
- Professional Bio
- Exploring Tech Tracks
- Resume Writing
- LinkedIn Profiles
- Interview Skills
- Personal Brand & Bio
- Career Skills

Weekly Specialisation Schedule

Weekly

Weekly Assessment submission on Tuesdays

Learning Webinars

Learning Webinars happening every Thursday

Monthly

- ALX Foundations Milestone submission.
- Self-Placement Reporting.

Weekly Content

Week 01 – 02 : Explore 101

- Orientation
- Introduction to data and data analysis
- Problem-solving
- Programmatic thinking

Week 03 – 05 : Preparing Data

- Introduction to spreadsheets
- Data manipulation
- Introduction to statistics
- Introduction to data modelling



Week 06 – 09 : Querying Data

- Introduction to SQL
- Relational database design
- SQL in practice
- Data manipulation

Week 10 – 14 : Visualising Data

- Data in Power BI
- Visuals in Power BI
- Dashboards
- Visual storytelling

YOUR LEARNING JOURNEY



Kickstart your career in Tech

85% of learners find a job after 6 months with a certificate of completion.

LAUNCH



By learning from industry experts

Our instructors are fully-vetted with industry experience.

1

And developing your professional foundations

Get a professional portfolio and skills for better employability.

3

2

Gaining work ready skills

Learn up-to-date tech innovations with real-world projects.

4

In a state-of-the-art learning environment

Network, collaborate and co-work with peers online or offline.



5

With support from your peers.

Our alumni get access to our Fellowship community and events.

GET STARTED

apply now

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www.alxafrica.com



2024 Calendar

Programme - Cohort #	Application Deadline	Onboarding Starts	Programme Starts
Data Analytics - C3	27 Feb	11 Mar	18 Mar
Data Analytics - C4	28 May	10 Jun	17 Jun
Data Analytics - C5	2 Jul	15 Jul	22 Jul
Data Analytics - C6	20 Aug	2 Sep	9 Sep

DISCLAIMER: Please be aware that the dates provided are subject to change and are intended as a reference for your planning purposes, please refer to the website for date confirmation.





Frequently Asked Questions

What is the criteria for being accepted?

Accepted applicants are evaluated based on their entire application, including assessment scores and essay responses. While the outcome may not always meet expectations, we encourage self-reflection, identifying areas for improvement, and ongoing skill development. For future programme applications, please revisit our website during the next cycle.

I applied and received confirmation, but I haven't received an acceptance letter.

The confirmed button in your email indicates your acceptance.

Are there any fees apart from the administration fee?

The tuition fee for our programmes starts at \$7500. For sponsored applicants, this fee is waived, and only the administration fee is required.

I want a waiver or scholarship, and I am unable to pay the administration fee.

Regrettably, we cannot accommodate this request presently. The administration fee supports programme access, study materials, community engagement, networking, and certification. Paying it demonstrates commitment and ensures access to all resources and support for success.

How do I make payment?

All payments can be made via the admissions portal.

I accidentally dropped a programme, and now I can't continue the application.

Unfortunately, dropped applications cannot be continued. You will need to apply to another programme or use a different email address.