



AFRICA DATA SCHOOL



**Become a data
scientist**

About

Africa Data school



We develop advanced programs in science, technology and engineering that enables talented students in Africa to become builders, inventor and innovators of the future.

AFRICA DATA SCHOOL STRUCTURE



ADS TRAINING CENTRE (Learn by doing)

Offer courses focusing on future tech innovations. Working with industry experts and companies.



ADS R&D LABS (Explore)

Research and development lab



ADS STARTUP STUDIO (Build)

Startup studio that designs, builds, and launches startups.

Where Our Graduates Work



The co-operative bank



Available in 20+ countries today,
with many more coming soon



Program Highlights

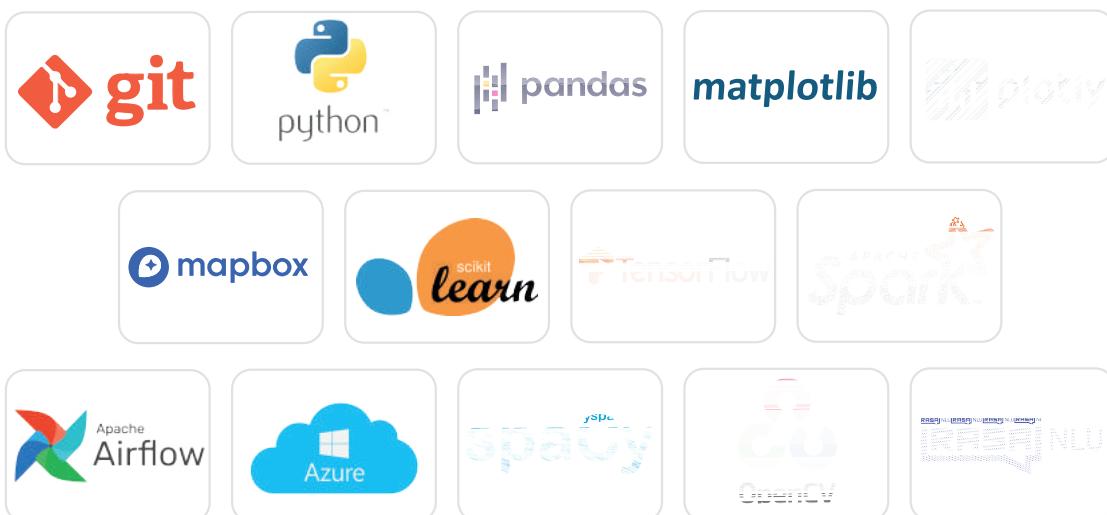
Data Science Program Details



Highlights

- ▶ 12 week Training Sessions
- ▶ Microsoft exams
- ▶ Capstone Project (Build AI driven applications)
- ▶ 60 hours of live sessions
- ▶ 70 hours of learning content (videos)
- ▶ Mentorship by Industry expert
- ▶ 10 Industry project
- ▶ Career assistance
- ▶ 24× 7 Learning support

Tools



Program Details

Who is this program for?

- ▶ Individuals looking to kickstart their career in data science
- ▶ Working professionals looking for career transition into data science
- ▶ Data Scientists and ML engineers in the industry looking to up skill

Student outcomes



Data Analyst



Data Scientist



Machine Learning
Engineer



AI Engineer



Computer Vision
Engineer



NLP Engineer



Data Analytics
Consultant

Eligibility & Program Fee

Eligibility

- Have basic computer skills
- Must have completed high school
- Be passionate about artificial intelligence

Program Fee

- Online classes USD \$400 (Kshs 40,000)
- In person class USD \$500 (KSh 50,000)

Payments



Program Syllabus

AFRICA DATA SCHOOL X MICROSOFT CURRICULUM

| Date | Topic | Real Industry Challenges |
|---------|---|--|
| Week 1 | Onboarding Data science framework & Tools Version Control | Hands-on experience project |
| Week 2 | Python SQL Numpy | Hands-on experience project |
| Week 3 | Pandas Sales Analysis Matplotlib | Hands-on experience project |
| Week 4 | Seaborn Retail Analytics Plotly | |
| Week 5 | Mapbox Streamlit Business Dashboard | Hands-on experience project |
| Week 6 | Dash Realtime Crypto Market Dashboard Machine learning | |
| Week 7 | EDA Data preprocessing & Feature Engineering Feature selection | |
| Week 8 | ML Model Sklearn Workflow Sklearn | Hands-on experience project |
| Week 9 | Regression ML Classification Clustering | Hands-on experience project Hands-on experience project |
| Week 10 | Customer Segment Deep Learning (ANN) Convolutional neural network | Hands-on experience project |
| Week 11 | Recurrent neural network Natural language processing NLP Applications | Hands-on experience project Hands-on experience project |
| Week 12 | Big Data with Apache Spark Final Project & Deployment | Hands-on experience project |

Evaluation



The evaluation system is designed to test the student's progress systematically, through internal assignments as well as Microsoft exams & Final Project .

Continuous Evaluation

Certificates shall be issued upon successful completion of Microsoft Learning and Certification

Challenge: Data Science Curriculum

- Microsoft Certified:
AI - 900

Final project

Certificates shall be issued upon successful completion of your final project

- Certificate in Data Science and Machine learning(ADS)



Partners and contact



Partner



Contact

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