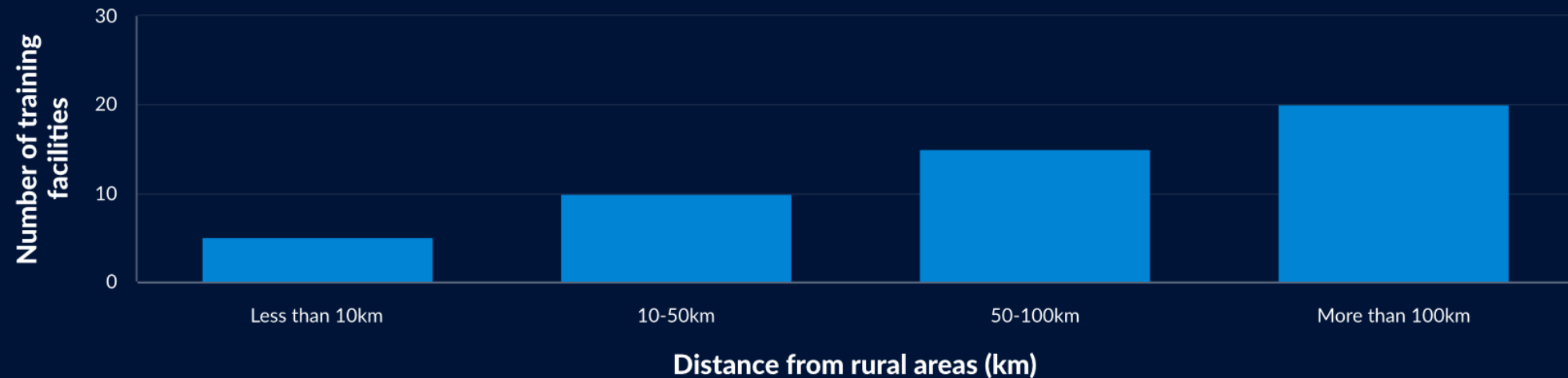Off-the-grid **Mobile digital classrooms**.

"Digital skills are the key to empowering the youth of Africa."

KOFI ANNAN

Limited access and opportunity in remote areas

Can digital skills create sustainable economic opportunity
in remote areas?

*Data sourced from South African Department of Education

Invest in "off-the-grid" mobile classrooms:

Break down barriers to digital education

"The power of collaboration is the ability to create something greater than any one of us could have created alone."

JOHN C. MAXWELL

Operation: Leave No one behind

Equip participants with necessary skills

Provide training and resources to help participants gain the skills needed to create employment opportunities
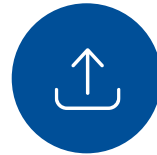
Enable local communities to participate in the digital economy

Provide access to digital tools and resources to help local communities join the digital economy

Form an accessible skills pool

Create a pool of skilled individuals that can be accessed by enterprise clients for its talent needs

Export skills to meet global demand

Help participants export their skills to meet global demand and inspire the community to envision a brighter future

Equip participants with skills to create employment, form an accessible skills pool for Enterprise clients, enable local communities to participate in the digital economy, and export skills globally to inspire a brighter future.

Execution Components

Setting up of off-grid digital mobile classrooms

Recruitment of candidates

Digital Skills **Training Program**

Apprenticeship and work readiness

EVIARE

Off-grid mobile digital classrooms

- **Mobile Infrastructure**
  Ensuring access to digital education regardless of location

- **Laptop Devices**
  Providing laptops to students for digital education

- **Internet**
  Ensuring access to the internet for digital education

- **Local Instructor**
  Having a local instructor to guide students through digital education

- **Deviare Learning Platform**
  Using Deviare's learning platform to facilitate digital education

- **Work Integration**
  Integrating work into digital education to ensure practical application of knowledge

Our Recruitment Platform for Youth skills

A data-driven recruitment platform designed to find young, unemployed youth to train through internships and skills programmes faster and reliably.

- Online outreach & marketing campaign
- Skills Assessments Application management
- Shortlist candidate
- Initiate background checks
- Contract candidates
- Export files for Compliance & Reporting

DEVIARE YOUTH CAMPUS

Areas of focus

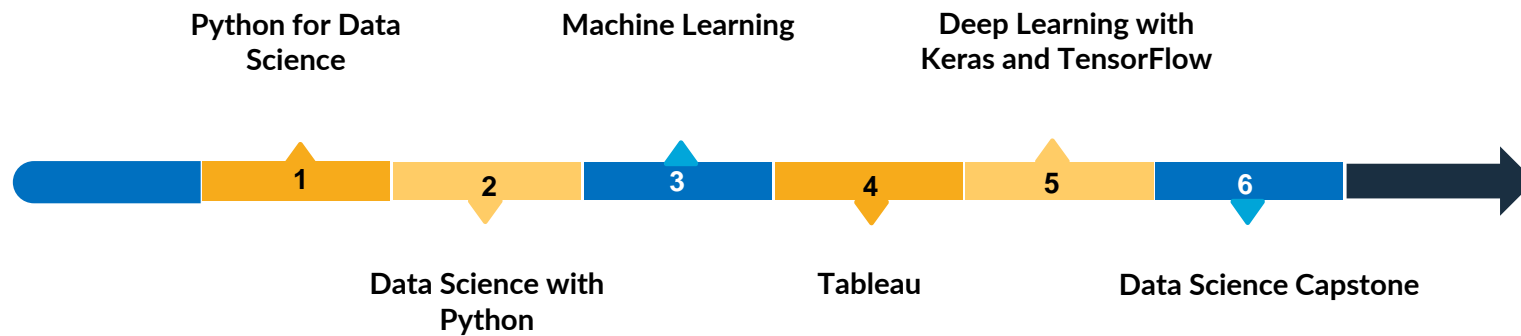**Data Science**

Automation & Testing

Fullstack Java Developer

Artificial Intelligence

Virtual Work Experience

Role-aligned Data science learning path:
Example

Python for Data Science **Machine Learning** **Deep Learning with Keras and TensorFlow**

| | 1 | 2 | 3 | 4 | 5 | 6 | |

Data Science with Python **Tableau** **Data Science Capstone**

120 Hrs of Instructor Led Training | Self-paced learning | 3 Capstone Projects | 7 Course Certificates | 1 Master Certificate
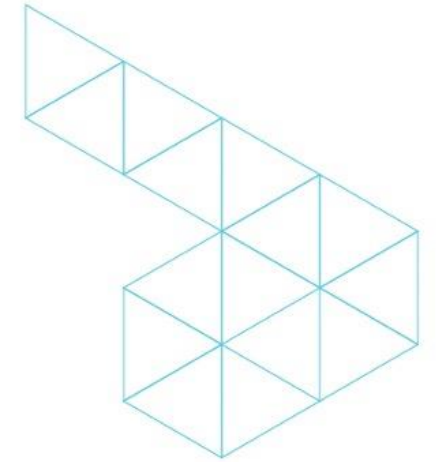
Electives:
- SQL training
- Statistics essentials for data science
- Data Science with R
- Industry Masterclass

Tools Covered:

Key Learning Outcomes::

- Gain an in-depth understanding of data structure and data manipulation
- Understand and use linear and non-linear regression models and classification techniques for data analysis
- Obtain an in-depth understanding of supervised and unsupervised learning models such as linear regression, logistic regression, clustering, dimensionality reduction, **K-NN**, and pipelines
- Perform scientific and technical computing using the SciPy package and its sub-packages such as Integrate, Optimize, Statistics, IO, and Weave
- Gain expertise in mathematical computing using the **NumPy** and scikit-learn packages
- Master the concepts of recommendation engines and time series modelling and gain practical mastery over principles, algorithms, and applications of Machine Learning
- Learn to analyse data using Tableau and become proficient in building interactive dashboards

EVIARE
YOUTH CAMPUS

Work is no longer just local, but global.

Help young people launch their digital career with our Virtual Global Apprenticeship

Empower young and talented youth in developing their digital abilities by providing remote job experiences at leading technology firms.

Work experience is a serious barrier for young people to access work opportunities. Deviare solves this challenge by providing young people with virtual international work experience with reputable companies around the world doing real work.

Targeted outcomes

1 **Employment through Deviare Talent Platform**

Connect graduate talent to employers

2 **Community-based start-ups**

Use off-the-grid digital classrooms to incubate local business

3 **Employment through Corporate and Govt partners**

Technical talent pool for Enterprise clients and partners

4 **Aggregated global workforce**

Set up scalable digital BPO for global market

DEVIARE
YOUTH CAMPUS

What does the future look like to you? Let's start a conversation.

www.deviare.africa

connect@deviare.africa