

# Free Resources Towards ML/DataScience for Geoscientists, Builders & Curious Beginners Summary

## 🔑 1. Foundational Skills

### 📖 MTN Skills Academy

A free platform for digital skills, cloud, and intro to data/AI — built for African learners.

★ *Complete this before accessing Career Academy*

## 🎓 2. Professional Certificates

### 🎓 MTN Career Academy

Unlock Coursera certificates in data science, cloud computing, project management & more.

★ *Requires completing Skills Academy basics first*

## ☐ 3. Programming & Software Engineering

### 📖 [CS50 by Harvard \(free\)](#)

One of the most recommended courses worldwide for learning real coding + computer science.

▶ Start here if you're serious about building or automating.

### 📖 ClassCentral CS50 Guide

The best way to follow CS50, broken down into weeks and bite-sized summaries.

## 🔍 4. Hands-On Machine Learning

### ☐ Kaggle ML Courses

Learn ML basics like regression, classification, and data visualization with interactive notebooks.

★ You can learn and code from your browser — no software setup needed.

## 🎁 5. Tools & Developer Perks

### 📖 [GitHub Student Developer Pack](#)

Get free access to premium tools, AI credits, cloud platforms, and IDEs to build your projects.

**MORE DETAILS FROM ROADMAP.SH ATTACHED IN THE FOLLOWING PDFS..**