



5th Big Data Africa School

Cape Town, 10 – 15 March 2025

Theme: Applications of Machine/Deep Learning to Earth observation data in solving African challenges

The Big Data Africa School aims to introduce fundamental data science tools & techniques to talented young science and engineering graduates across a range of disciplines, who have an interest to develop their skills and knowledge in working efficiently on extremely large datasets in any research environment.

WHO CAN APPLY

Eligible countries* - South Africa, Botswana, Ghana, Namibia, Kenya, Mauritius, Madagascar, Mozambique, Zambia

1. Students currently undertaking their 4th year BSc Honours or final year BEng degree, Master of Science or PhD degree in: Earth observation/ Geo-information science/ Environmental science/ Geographical Information Systems/ Remote sensing/ Computer Science/ any degree in the Physical, Natural and Applied Sciences.
2. South African students and students having nationality from any of the 8 Square Kilometre Array (SKA) Africa partner countries* are eligible for this opportunity.
3. Students must be currently registered at a university in Africa.
4. Intermediate to advanced programming skills will be advantageous to the applicants. Python will be the programming language used in most projects at the Big Data Africa school.

More details and online application [here](#)

DEADLINE: 31 August 2024

Application enquiries can be emailed to bigdataschool@ska.ac.za