



Big Data Africa Summer School

Cape Town, 2 – 12 April 2017

With Practical Data Science Applications to Astronomy & Bioinformatics



The Big Data Africa Summer School aims to introduce **fundamental data science tools & techniques** to talented young science 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.

All selected students are expected to work on a practical computational project in one of the themed areas of Astronomy or Bioinformatics before and during the school with their results to be presented to a panel at closing of the school.

Summer school is made possible by the following partnering organizations :



Who can apply :

- Only students from the 8 SKA Africa Partner countries will be considered – **Botswana, Ghana, Kenya, Madagascar, Mauritius, Mozambique, Namibia, Zambia;**
- **Students currently in the Final Year of their BSc Undergraduate / Honours degree** in Astronomy / Astrophysics / Bioinformatics / Biology / Computer Science/ Computer Engineering / Physics / Applied Mathematics;
- Intermediate to advanced programming skills will be advantageous to the applicants.

Deadline : 5 December 2016

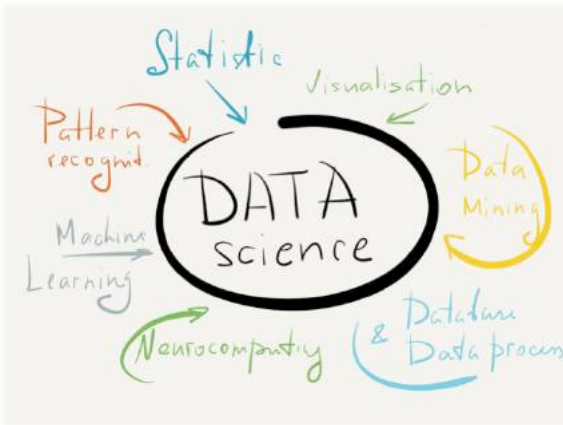


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A range of topics will be covered that include:



Submit the following documents as a **SINGLE PDF file** :

1. Updated Curriculum Vitae – demonstrating your computing skills & abilities;
2. Certified copy of passport;
3. Certified university transcripts;
4. Certified copy of degree(s);
5. One page maximum motivation explaining why you should be selected to participate in the school;
6. One reference letter from a university lecturer or thesis/project supervisor motivating why you should be selected for the school – must be included in your single application pdf document.

Deadline for Applications: 5 December 2016

Please Note: Only successful applications will be contacted after the deadline. Incomplete applications will be automatically disqualified without notification. No late applications will be considered.

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Email – bigdataschool@ska.ac.za