



# 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.

Deadline: 31 January 2017



Summer school is made possible by the following partnering organizations :



## Who can apply :

- Only South African students and/or students from the 8 SKA Africa Partner countries living in SA 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 / Computational Biology / Computer Science/ Computer Engineering / Physics / Applied Mathematics;
- **Students currently in the Final Year of their BEng degree** in Computer / Electronic / Software / Industrial Engineering
- Intermediate to advanced programming skills will be advantageous to the applicants.

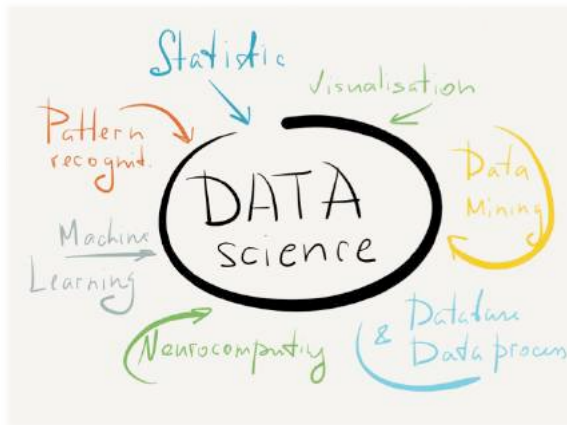


# Big Data Africa Summer School

## Cape Town, 2 – 12 April 2017

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A range of topics will be covered that include:



**Deadline for Applications: 31 January 2017**

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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For more information about the SKA SA see <http://www.ska.ac.za>

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

1. Updated Curriculum Vitae – demonstrating your computing skills & abilities;
2. Certified South African ID document, or valid passport and visa for applications from non South Africans;
3. Certified university transcripts;
4. Certified copy of degree(s);
5. One page maximum motivation for 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.

Email – [bigdataschool@ska.ac.za](mailto:bigdataschool@ska.ac.za)

