

# Seminar on Data Science Campus activities in Kigali

Multiple Presenters

## Purpose

Big Data is by definition different from traditional data sources currently used by national statistical systems (NSSs) requiring the development of new methodologies together with upgrading of quality assurance framework, technology, security, privacy and legal matters. This means that new skill sets and competencies are necessary. Some of which could be hired temporarily, others will need to become an integral part of the institution. Data science is one of those new competencies. It is likely that the staffing table of statistical institutions will show quite a few data scientists and data engineers in the near future.

This seminar offers insights into activities at Data Science Campus and their training opportunities. It will consist of lectures, project presentations and hands-on demonstrations.

## Presenters

**Date:** 29 April -1 May 2019

**Venue :** Data Science Campus, Kigali, Rwanda

## Programme

### Day 1 Data Science and Official Statistics

- 9:00 **Welcome**  
Data Science and Official Statistics
- 9:15 **What is the UN Global Platform and how does it work?**  
Presenter: Mark Craddock, ONS, UK
- 11.15 **New paradigm for compiling official statistics**  
Presenters: Prof. Diego Kuonen and Prof. Bertrand Loison, FSO Switzerland
- Analytics of Things
  - Data Innovation Strategy

### 12.30 Lunch

- 13.30 **Building Capacity at ONS Data Science Campus and beyond**  
Presenter: Tom Smith, ONS, UK, and Ceri Regan, ONS, UK  
See <https://datasciencecampus.ons.gov.uk/capability/>

15.00 Break

15:15 **Mapping the Urban Forest on the Global Platform**

Presenters: ONS and Azavea

Hands-on demonstration

**AIS Vessel tracking data**

Presenters: ONS, Statistics Denmark and CCRI

Presentation and discussion

17.00 Close

Day 2 Earth Observation projects and Capacity development opportunities

9.00 **EO projects on Environment and Agriculture statistics**

Presenters: UN Environment, Statistics Canada, GPSDD, Geoscience Australia

12.30 Lunch

13.30 **Capacity development opportunities – Globally**

Presenters: Statistics Poland, Statistics Denmark, NISR Rwanda, UNECA, AfDB, GOPA

17.00 Close

Day 3 Human Mobility and other projects

9.00 **Human Mobility and other Data Science projects**

Presenters: Telenor, Flowminder, UBOS, UN Global Pulse Lab/Uganda

12.00 **Close of Seminar**