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***Data Science: Training and Capacity Building***

**Data Visualisation**

**26th – 28th March 2019**

**InTuition House, London**

**Dr Diarmuid McDonnell and Professor Vernon Gayle, AQMEN, University of Edinburgh**

**Programme**

26th March

9:30 Registration

10:00 Welcome

10:05 Visualising Data

11:00 Tea / Coffee

11:30 Software Demonstration

12:00 Activity 1 - Getting Started with R

13:00 Lunch

14:00 Activity 2 – Wrangling Data for Graphing

15:00 Tea / Coffee

15:30 Activity 3 – The Grammar of Graphics

16:30 Reflections

27th March

10:00 Activity 4 – Graphs in Action

11:00 Tea / Coffee

11:30 Activity 5 – Refining Graphical Presentations

12:30 Lunch

13:30 Activity 6 – Communicating Analytical Results

14:30 Tea / Coffee

15:00 Activity 7 – Further Adventures in Graphing

16:30 Reflections

28th March

10:00 Reproducible Research

10:30 Introduction to the Hackathon

11:00 Deep Work (Phase 1)

13:00 Lunch

14:00 Deep Work (Phase 2)

16:00 Group Presentation

16:30 Reflections