Proposal for NEQOS for R training

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## My understanding of the brief

* NEQOS provides analytical services to a range of providers in the NE and elsewhere (including NICE)
* NEQOS has a small team of analysts largely working in Excel - some have R skills
* NEQOS would like to explore the use of R to see if it can help modernise and develop its output and service offer

## Outline proposal

* Following discussion with Paula Whitty and Paul Collingwood
* 2 half-day sessions
* Session 1 outline
  + “Art of possible” - an interactive session (Q&A) with demonstration of R applications to common analytical problems including pitfalls.
  + This will be focussed on real-world application
    - What is R?
    - How is it used?
    - The ‘R journey’ from an analyst perspective
    - Examples / use cases
      * Wrangling spreadsheets
      * Creating visualisation
    - R ecosystems
    - Getting started
      * R and R Studio
      * Github
    - Learning materials
* Session 2 outline - “code along” - to be determined
  + Getting going
  + Undertake some analysis on a dataset
  + Create visualisation(s)
  + Create and report

I estimate 1-2 days preparation for each session ~ 6 days work in all including session delivery.

I have posted this outline at <https://github.com/julianflowers12/r_tutorial_neqos> and propose to use this site to add materials and tutorials