

Data Analytics – Reproducible Research MOOC

The data analytics space is a rapidly evolving area and there is a large opportunity for the actuarial profession to make a significant contribution to data analytics in Australia and globally. If you are interested in learning more about data analytics, the Data Analytics Working Group (DAWG) is encouraging members to undertake a MOOC (Massive Open Online Course). ***Even if you have no prior programming experience and haven't participated in our past study groups, it's not too late to start!***

We will run a MOOC study group to support you, providing a forum to discuss the MOOC's content and discuss any questions you have. Both the MOOC and the DAWG study group are run online, so you can participate from wherever you are in the world.

We have selected the fifth module of a ten-course Data Science Specialisation:

Name: [Course 5 – Reproducible Research](#)

Service Provider: Johns Hopkins University (via Coursera)

Cost: Free access to all course material¹

Time Commitment: Approx. 2-3 hours per week for 4 weeks for the MOOC. Study group time is up to you!

Timetable:

Week	Week Commencing	Topics
1	16 October 2017	Concepts, Ideas & Structure
2	23 October 2017	Markdown & knitr
3	30 October 2017	Reproducible Research Checklist & Evidence-based Data Analysis
4	6 November 2017	Case studies & Commentaries

Pre-Work: If you have not participated in our past MOOC study groups, we highly recommend you complete Courses 1-2 of the [Data Science Specialisation](#) from Johns Hopkins University (via Coursera) prior to commencing Course 5.

Please have a look at the course details via the link above, and if you would like to join the MOOC study group, send your full name and preferred e-mail address to cpd@actuaries.asn.au to enrol. ***Enrolments must be received by COB Friday, 6 October 2017.***

¹ There is an optional \$64USD per month subscription if you would like your assignments to be graded and to receive a sharable Course Certificate upon completion.



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