

Michael Barrowman



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Bio

About Me

I am currently studying towards a PhD in Medicine with a focus on statistics from both an applied and methodological perspective, whilst working as a Maths and Stats Tutor and developing my skills as a keen data scientist, particularly in R. I have experience in the public and private sector, dealing primarily with medical and education data.

Skills

R RMarkdown LaTeX SPSS NVivo Git GitHub HTML/CSS Python SAS Stata SQL
Photoshop

This Online CV was coded using RMarkdown [Source]

Experience

I have worked in a variety of roles in both the public and private sector, covering two primary fields: Education and Data Analysis. Several of my roles have incorporated both of these facets.

Liverpool John Moores University

****Maths, Stats & IT Tutor****, Dec '19 - Present

Assisting undergraduate and postgraduate students with Mathematics, Statistics and IT issues relating to their university

University of Manchester

****PhD Student****, Oct '16 - Present

The goal of this PhD is to improve the academic knowledge surrounding Multi-State Clinical Prediction Models (MSCP)

****Lead Statistician****, Jan '17 - Feb '19

Working within the University of Manchester, we formed a team of statistical consultants to assist researchers from all 10

****Research Assistant****, Nov '15 - Sep '16

As part of the GetReal consortium, I worked within a multi-national team producing methodological techniques to assist

****Assistant Statistician****, Aug '14 - Apr '15

Primarily focused on the deliverables for the SLS. I produced standardised datasets for our pharmaceutical client, and ho

Private Tuition

****Tutor****, Sep '19 - Feb '19

Tutoring Mathematics, Further Mathematics and Statistics for KS3, GCSE, A-Level and University students. Covering

Brammer UK

****Data Project Analyst****, Sep '15 - Nov '15

Within our team of Data Project Analysts, we were tasked with mass data migration and re-unification. I created a syst

AQA

****Data Analyst****, May '15 - Sep '15

My primary tasks for this role included producing business insights and progress reports for examinations results. I coor

****General Assistant****, Jun '13 - Aug '14

A wide range of roles, including liaising with internal teams and external examiners to provide support and coordination

Stocks Tavern

****Bar Supervisor****, Jul '09 - Oct '13

Starting as a glass collector, I quickly worked up to a Bar Supervisor and maintained that position throughout my unde

Packages

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Publications

'First Author', 'Second Author', 'Third Author' et al, *How unmeasured confounding in a competing risks setting can affe

'First Author', 'Second Author', 'Third Author' et al, *Study investigating the generalisability of a COPD trial based in p

'First Author', 'Second Author', 'Third Author' et al, *The Application of Multi-State Methods to Develop Clinical Predic
