

NICOLA RENNIE

Nicola Rennie is a statistician and data scientist, passionate about using R to aid in decision-making and create informative data visualisations to communicate findings. Creative, driven, and self-reliant.

Experience

Data Scientist Jumping Rivers, Remote, UK.

Nov 2021 - Present

- Leading client projects to build R packages and dashboards for custom applications.
- Developing and delivering training courses in a range of topics, including R and Tableau.

Mathematical Consultant Smith Institute, Oxford, UK.

Aug 2021 - Nov 2021

Graduate Teaching Assistant Lancaster University, Lancaster, UK.

Oct 2018 - Jul 2021

Education

PhD in Statistics and Operational Research

Lancaster University, Lancaster, UK. **2021**

Thesis: [Detecting demand outliers in transport systems](#)

MRes in Statistics and Operational Research

Lancaster University, Lancaster, UK. **2018**

BSc(Hons) in Mathematics

University of St Andrews, St Andrews, UK. **2017**

Selected publications

Identifying and responding to outlier demand in revenue management

European Journal of Operational Research. Volume 293, Issue 3, 16 September 2021, 1015-1030. DOI: doi.org/10.1016/j.ejor.2021.01.002.

2021

N. Rennie, C. Cleophas, A. M. Sykulski, F. Dost

A full list of publications and conference presentations is available on my website: nrennie.rbind.io

Notable awards

Finalist of the 2021 Statistical Excellence Award for Early-Career Writing. Significance and the RSS Young Statisticians Section. July 2021.

Nick Smith Prize for Research Excellence. Lancaster University. August 2020.