

THE LONDON SCHOOL OF ECONOMICS AND POLITICAL SCIENCE

DATA ANALYSIS FOR MANAGEMENT

ONLINE CERTIFICATE COURSE

Study data analytics with a world-leading social science university.

[VIEW COURSE PROSPECTUS](#)



8 weeks, excluding
orientation



7-10 hours per week,
entirely online



Weekly modules,
flexible learning

COURSE CURRICULUM

Over the duration of this online certificate course, you'll work your way through the following modules:

Module 1

Decision-making under uncertainty

Module 2

Data visualisation and descriptive statistics

Module 3

Quantifying risk through probability

Module 4

Data integrity and statistical inference

Module 5

Evidence-based decisions

Module 6

Understanding the causes of things

Module 7

Time series forecasting

Module 8

Delivering insights through storytelling

Please note that module titles and their contents are subject to change during course development.

ON COMPLETION OF THIS COURSE, YOU'LL WALK AWAY WITH:

- 1** An understanding of how **data-driven models** can improve your ability to make decisions in a fast-paced and uncertain world, and the ability to use modelling to **predict future trends**.
- 2** **Tableau data visualisation and reporting skills**, with which to clearly communicate your findings and business needs.
- 3** A **capstone project** as proof of your ability to analyse, summarise, visualise, and report on insights extracted from a dataset.
- 4** A **certificate** from the London School of Economics and Political Science as validation of your data analysis skills and knowledge.

"The quality of the course is exceptional. I've gained so much knowledge on the topic, and I like the fact that we have good interactions with the faculty and fellow classmates. I've also learned from other industries, which makes me realise there's even more to discover."

Christina Frances Tan
User Experience Researcher



This course is certified by the United Kingdom CPD Certification Service, and may be applicable to individuals who are members of, or are associated with, UK-based professional bodies. The course has an estimated 70 hours of learning.

Note: should you wish to claim CPD activity, the onus is upon you. The London School of Economics and Political Science (LSE) and GetSmarter accept no responsibility, and cannot be held responsible, for the claiming or validation of hours or points.

YOUR COURSE CONVENOR



Dr James Abdey

Associate Professorial Lecturer in Statistics, LSE

Dr James Abdey gained his PhD in Statistics at LSE, and has taught at LSE since 2008. He teaches the Department of Statistics' undergraduate courses in mathematical statistics and quantitative methods, as well as elective courses in market research. His research interests include market research techniques and forensic statistics – the interplay of statistics and the law. James has extensive experience developing learning resources for LSE's distance learning and summer school programs in economics, mathematics and statistics, and regularly teaches in Central Asia, Eastern Europe and the Far East. Outside of academia, he has also worked on various quantitative-based consultancy projects in areas including the art market, the World Gold Council and has given seminars at the UK parliament.



GET MORE INFORMATION

Want to know more?

Enter your information below to learn more about the LSE Data Analysis for Management online certificate course, including receiving the course prospectus, from GetSmarter.

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Step 1 of 3

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