



THE UNIVERSITY
of EDINBURGH

Usher
institute

HEALTH DATA SCIENCE COURSE

A short online course for health and social care professionals looking to learn about data science, develop data skills and understand its applications in health and care settings.

Delivered by the Usher Institute's Health and Social Care Data-Driven Innovation (HSC DDI) programme, in collaboration with The Bayes Centre and supported by the Scottish Funding Council (SFC), the course is accredited by the Federation for Informatics Professionals in Health and Social Care (FEDIP).



Designed for busy health and social care professionals, this Masters-level course is taught online over 11 weeks.



Content and Delivery

The course covers three main topics:

1. Key Concepts, Principles and Methods of Data Science in Health
2. R Programming Skills
3. Ethical, Legal and Societal Implications

Delivered fully online with short live and recorded videos, readings and discussions in forums. Hands-on programming tasks will equip students with key data skills, and online tutorials will allow students to ask questions and discuss topics of interest.

Fully funded places

This course is offered as part of the Scottish Funding Council (SFC) Workforce Development Initiative which aims to provide opportunities for those working in the health and social care sectors to enhance or refresh their skills, or develop new skills in order to return to work or move to a new area. Funded places are available for people employed, unemployed or furloughed in Scotland who meet SFC eligibility criteria.

(Bursaries are worth £1,065 to cover course fees)

Applications close
11 September
2023 for our next
cohort beginning
18 September

Apply Now

<https://edin.ac/3UTQDRR>

Supported by



THE UNIVERSITY
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DDI Data-Driven
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Scottish Funding Council
Comhairle Maoineachaidh na h-Alba

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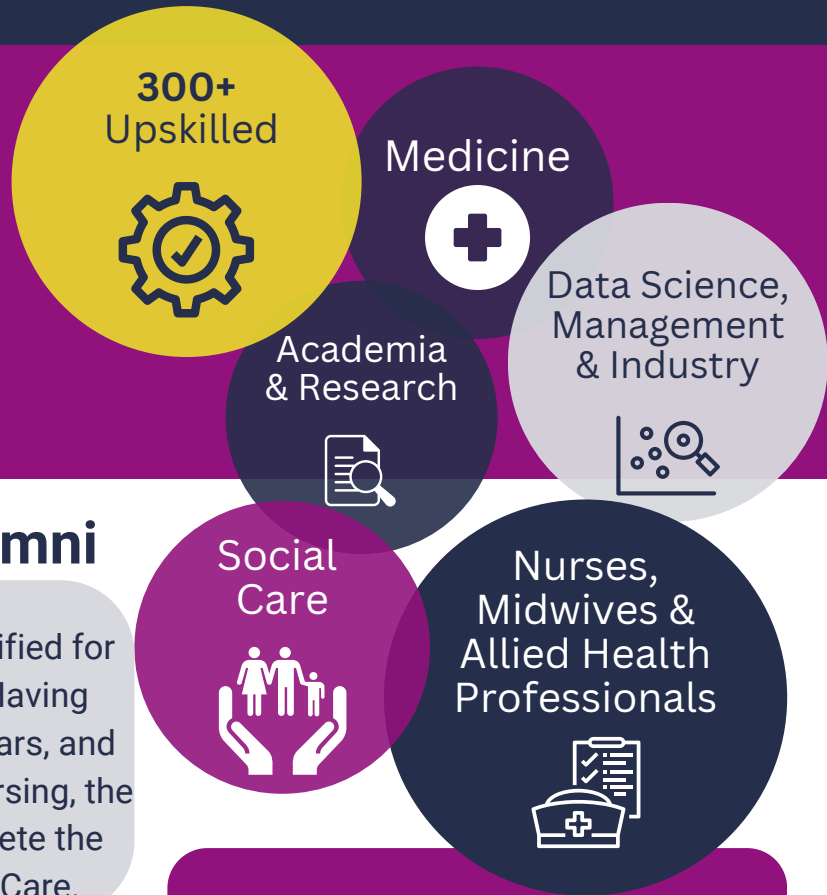
@HSCDDITalent on Twitter



HEALTH DATA SCIENCE COURSE

Our cohorts are made up of individuals who work across a wide range of professions – many with no prior knowledge or experience of data science.

Our students are united in their curiosity - how can you harness the power of data to transform the delivery of care?



Reflections from our alumni

Nurse

The course was incredible and really solidified for me that my passion lies in health data. Having worked within the NHS for a number of years, and completed my undergraduate degree in Nursing, the next step in my career would be to complete the MSc Data Science for Health and Social Care.

Medical Doctor

I really enjoyed the course and thought it was absolutely excellent that it was offered to healthcare professionals. I have personally found it extremely useful and the knowledge I gained from the course has helped me a huge amount at work.

Clinical Research Fellow

I enjoyed the course and would certainly recommend it to a colleague. It gave me a better understanding of the health data science that is relevant to my clinical practice. Working with R was challenging but rewarding, and encouraged me to look into further training in this area.

Already completed the course?

We offer a range of additional courses in data skills and the use of digital technologies.

Whether you wish to pursue an academic qualification or develop your skills for a professional project, why not consider:

- taking advantage of our other free and funded professional development opportunities
- registering for the MSc, Diploma or Certificate in Data Science for Health and Social Care

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