



DATA SCIENTIST

Based in our Edinburgh office – on the Heriot Watt campus

The British Geological Survey (BGS) is one of the world's leading and forward thinking geological science institutes with a focus on both public good science for government and geoscientific research to understand earth and environmental processes. A vacancy has arisen for a highly motivated and enthusiastic Data Scientist at the Lyell Centre in Edinburgh.

As a BGS Data Scientist, we would like you to play a leading role in developing and delivering insight from data using statistical and data science techniques for the benefit of geoscience and society. We would expect you to possess the technical (ICT) and numerical skills to be able to both mine and analyse data from BGS' vast data holdings but also from social media and other organisation's research data (both Open and proprietary). You would have a real opportunity to work with state of the art environmental data from sensor networks including those established as part of the pioneering UK GeoEnergy Observatories Project (UK GEOS) research project which aims to establish world leading knowledge applicable to a wide range of energy technologies and inform Governments future energy policy. You will have a strong background in data analytics, including aspects of data mining, machine learning, aggregation, parallel processing, segmentation, modelling and prediction. You will be able to persuasively advocate the value of these techniques to a range of technical, scientific and non-technical/scientific audiences. You will be able to design new ways of collecting and/or combining data (including spatial) from a variety of sources and understand how to manage this data. You will be able to extract meaning and insight from the data you analyse and/or develop innovative solutions and services from our data holdings. You will be able to communicate this understanding to other BGS highly skilled scientific and technical staff, making the data more widely useable. We are effectively looking for somebody who can effectively tell stories from data that can be communicated to a wide range of audience.

You should be educated to 2:1 in a relevant degree and have an MSc/PhD or relevant experience in Data Science or a field strongly related to data science (e.g. statistics, computer science or mathematics). In addition to your technical abilities, you must also possess excellent communication skills, both oral and written. The post involves team working, therefore you should be able to work effectively with others and have good time management skills.

This is a varied and dynamic role where you will be expected to apply your technical knowledge and analytical experience to work on Data Science projects for BGS. The work will be mostly UK based but there may also be opportunities to work overseas for short periods of time.

Depending on qualifications and experience, starting salary for the role will be £28,200 per annum to £30,600 per annum. Working hours will be 37 per week excluding lunch breaks. A generous benefits package is also offered, including a company pension scheme, childcare voucher scheme, 30 days annual leave plus 10.5 days public and privilege holidays.



This is advertised as a full time post but we will consider applications from those who require more flexible arrangements.

Applications are handled by the RCUK Shared Services Centre; to apply please visit our job board at http://www.topcareer.jobs/Vacancy/irc242150_7346.aspx and submit your up-to-date C.V. and covering letter, which clearly outlines why you are applying for this post and how you meet the criteria described in this advertisement. Applicants who would like to receive this advert in an alternative format (e.g. large print, Braille, audio or hard copy), or who are unable to apply online should contact us by telephone on 01793 867003, Please quote reference number IRC242150.

Closing date for receipt of application forms is 3 September 2017.

The Natural Environment Research Council is an equal opportunities employer and welcomes applications from all sections of the community. People with disabilities and those from ethnic minorities are currently under-represented and their applications are particularly welcome. The British Geological Survey is an *Investors in People* organization and has achieved Bronze status for Athena Swan – a scheme that recognizes excellence in women's employment in science, technology, engineering, maths and medicine (STEMM) in UK higher education. There is a guaranteed Interview Scheme for suitable candidates with disabilities.

