

# Job Description Data Scientist



**Job Title** / Data Scientist

**Location** / London

**Contract Length** / 12-month full-time fixed-term contract / with potential for renewal

**Start Date** / ASAP

**Salary** / £50,000 - £70,000 / depending on experience

## About Moonshot CVE

Moonshot CVE is a social enterprise which specialises in countering violent extremism (CVE) across the globe. We use data-proven techniques to ensure our clients respond to violent extremism effectively. Our work ranges from targeted intervention programmes, software development and digital capacity building, to leading global counter-messaging campaigns, and monitoring and evaluation. We currently operate in more than 28 countries across different forms of violent extremism, misinformation, and other public safety issues.

## We do this through

- Finding new ways to reach individuals at risk of involvement in violent extremism.
- Working across different violent extremist ideologies.
- Collaborating with partners and working for clients including governments, NGOs and private sector organisations from across the globe.
- Building a multifaceted team with a diversity of backgrounds, both professional and academic, including international development, policing, communications, psychology, data science and software engineering.
- Investing in research and development of new technologies and methodologies to counter extremism.

## Working at Moonshot CVE

We're growing quickly, have big ambitions, and high expectations of our staff. Our dedication to finding effective responses and leading innovation means that our work environment is fast-paced, dynamic and creative. We match this by offering our staff access to a range of learning and development options, scope to advance personal subject-matter expertise, and opportunities for career progression.

## Working with Moonshot CVE

**Our shared sense of purpose** / working as a team to find new solutions to global challenges.

**Personal development opportunities** / a chance to learn new things and get even better at what you already do.

**Our ideas-driven culture** / opportunities to work with creativity and autonomy whatever your position in our organisation.

**The diversity of thought** / working with staff from a wide range of personal and professional backgrounds.

**Open and collaborative working** / being part of a team who support each other to achieve great results.

## About the role

Moonshot CVE is gathering ever larger and more complex datasets in our day to day work and the need to bring on a dedicated Data Scientist to help us collect, organise, analyse and visualise these datasets. You will be expected to explore our data to discover new insights and carry out the analysis. You will also be responsible for capacity building for colleagues and ensuring robust and rigorous data practices are embedded across the entire organisation.

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## Requirements

- At least five years experience in data analysis, data visualisation, business intelligence or similar role.
- An MSc. in a quantitative discipline (applied statistics, computer science, social sciences or similar).
- Experience collecting and managing data from online sources such as social media and forums.
- Experience visualising data and building dashboards using BI tools such as Tableau, PowerBI, or Qlik.
- Experience organising and visualising relationships in data using tools such as Gephi, Iramuteq, or NVivo.
- Demonstrated ability to translate analytical questions into data requirements, leading to successful collection, analysis and reporting.
- Ability to apply data collection and analysis skills creatively to new areas of research and practice.
- Ability to communicate complex data practices and methodologies to audiences at varying levels, including to staff and clients.
- Experience teaching and training analysts on how to understand and interpret data.
- Ability to produce high-quality work under pressure and to deadlines.
- Excellent organisational and interpersonal skills.
- Willingness to work as part of a team and support colleagues.
- A commitment to Moonshot CVE's mission and ethos.
- A desire to learn about violent extremism and different methods for countering it.
- In addition, we require and will check on candidates' eligibility to work in the UK and conduct DBS checks. Candidates will be expected to undertake and pass any relevant security clearance procedures per the needs of clients.

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## Desirable

- Experience using statistical modelling and management languages, including R, Python.
- Experience with data collection and management in Java.
- Experience using cloud hosting solutions for data collection, storage and ETL (AWS, GCP).
- Experience with Google AdWords, Paid Search or Online Marketing.
- Experience with natural language processing.
- PhD in a quantitative discipline.

## Benefits Package

- Individually tailored training and skills development package.
- 30 days' paid leave per annum.
- Private healthcare package, including coverage for partners and children.
- Generous maternity and paternity package.

## Application Process

Please apply for this role here with a CV and cover letter. Your cover letter should not exceed two pages and must answer the following questions:

**Why do you want to work for Moonshot CVE?**

**How do you meet the requirements of this role?**

# Click to apply