



G R O O T S

Junior Data Scientist

Groots is a social business with the vision of building a future in which people and communities own their digital identities and participate in the data economy on equal terms. We offer our data collection service to private and public companies, sourcing grass-roots expertise and metrics in emerging markets. Groots provides high quality data instantly, at competitive price and sources all primary data in a reliable and sustainable way. We are rewarding those who have field expertise and first-hand information. The data we collect enables better consumer products, economic and social development, environmental protection and much more.

Groots is a dynamic social start up currently active with offices in four countries in Latin America and Sub-Saharan Africa. The diverse crew behind Groots are global citizens and builders at heart. We are in an advanced start-up situation, constantly iterating and improving our products and approaches. Groots has tested and rolled out its software product to our users in Africa, Latin-America and Asia and is working to deliver data to our clients who are big public and private players in the development sector and beyond. Our data collection activities cover a wide range of sectors currently including energy, water and sanitation, agriculture and financial inclusion.

We are looking for a passionate and motivated fresh graduate or working Master's degree student who is looking to build a career in social data science. Your role as junior data scientist will be to support the analysis of data collected by Groots and to establish efficient analytical workflows using state-of-the-art analytical tools, under the supervision of Groots' head of statistics. This is an opportunity to deep dive into incoming data stream on a wide range of topics and to gain hands-on experience from real active use cases on the ground. Strong work ethics is crucial – some skills can be trained on the job.

This will be a part-time position starting as soon as possible. We're looking for someone ideally based in Berlin but remote working will also be considered.

What we offer

- We are aiming at making data collection in emerging markets fair and the future of data more transparent and participative. We enable organisations and companies to make better decisions in a data driven manner.
- Groots is truly international with colleagues from Asia, Europe, Africa and the Americas working from Berlin and other locations across the globe. We're proud of this diversity.
- Despite the team growing quite rapidly in the past months, we continue to operate in a flat hierarchy environment. So decisions go quick, responsibility is high and everyone's contributions matter.
- We're growing – and that means we're looking to develop the people we work with. This position offers a great opportunity to develop into more responsibility over time and to eventually take over more responsibility. This is a part-time assignment – but we would be most happy if it develops into a long term relationship.
- We offer the opportunity to learn statistical methods and programming using community generated data.

Responsibilities include:

- Under the supervision of the head of statistics, design analytical workflows with the objective of producing analytical output both for internal and external (client-facing) purposes, taking into account data cleaning, preparation, analysis, and visualisation steps.



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- Implement and update analytical workflows using a variety of different statistical programming languages (R, Python) and statistical visualization tools.
- Run data quality checks and reports, feeding results back to the rest of the team.
- Programme data visualisation dashboards in an automated online-only data flow, i.e. using internal APIs and tools such as R Shiny.
- Set up data visualisation dashboards using click and drop tools.

Qualifications

- Bachelor's degree graduate or currently doing a master's degree in the fields of economics, math, statistics, data science or relevant fields.
- Experience in implementing statistical analyses using programming tools, ideally on survey data.
- At least basic understanding of R as a statistical programming tool, with the motivation and ability to self-learn new tools. Knowledge of RMarkdown and RShiny is a plus.
- Additional programming/query languages like Python, SQL etc. are a plus.
- Highly motivated and looking to develop a career in data science.
- English skills at minimum C1 level is required.
- Ability to work independently, flexibly and in a remote team working environment.

We hope to have you join our team very soon. Please send your CV and short motivation letter to jobs@getgroots.com with "Application for Junior Data Scientist" in the subject line. The deadline for submitting your application is by the 6th November 2020. The application process will include an interview and a statistical programming test. Only shortlisted candidates will be contacted.