



Data Analyst

JOB DETAILS		
JOB TITLE	:	Data Analyst
REPORTS TO	:	Innovation and Insights Manager
DIVISION	:	Innovation and Insights Stream
LOCATION	:	Johannesburg, Gauteng
CONTRACT TYPE	:	Fixed Term Contract (1 Year) with the possibility of renewal
START DATE	:	Immediate

OVERVIEW & PURPOSE
<p>New Leaders Foundation (NLF) is a mission driven advisory and implementation organisation specialising in education. It focuses on insights and systemic interventions that leverage data, tech enabled solutions and capability building to unlock excellence in education. It is a dynamic organisation that attracts and develops leaders who are committed to the transformation of education. Its clients include government, not for profit organisations, funders, and corporate social investors.</p> <p>The DDD Program uses technology to support improved learner outcomes through the increased quality, availability, analysis and use of education data. DDD aims to provide complete education data in a seamless and accessible way to empower district officials, curriculum providers and educators to enable them to make real-time data-driven decisions and drive informed school interventions towards positive outcomes for learners. The DDD program was piloted by Department of Basic Education (DBE) in 2012 in partnership with Michael & Susan Dell Foundation and is implemented by New Leaders Foundation and technology development partners.</p> <p>The DDD program has scaled since inception and processes learner and educator data for 90% of all schools in South Africa. This data is visualized on the DDD Dashboard, a highly intuitive online tool that provides learner performance data, key education metrics, and corresponding reports at multiple levels from school, circuit, district, province, to national. Our work involves developing and improving on technology to validate, aggregate, analyse and visualize learner and educator data, and engaging closely with government stakeholders and users of the toolset to facilitate their use of data in their education work.</p> <p>NLF seeks a driven problem solver who is passionate about education to join its DDD Insights & Innovation team. The analyst should ensure the accurate and timely completion of insights and analytical outputs using basic to intermediate statistical techniques and tools. The candidate should have a strong quantitative data analysis background and should at minimum have an undergraduate degree in mathematics, statistics, computer science, applied mathematics, actuarial science, econometrics, or engineering. The Analyst will contribute to different activities of the business unit, such as data collection and management, analysis, and presentation of findings. This will be a fixed term one year appointment and will be subject to renewal.</p>
KEY RESPONSIBILITIES
<ul style="list-style-type: none"> Analysing education or system user data from the DDD Dashboard Building data visualisations and presentations Participating in internal and external problem-solving workshops Analysing survey feedback data Gathering and analysing education data from external sources



- Contributing to the development of internal and external reports
- Participate in training and facilitate training where appropriate
- Weekly reporting on progress against key deliverables

MINIMUM EDUCATION AND EXPERIENCE

- Undergraduate or Honours degree (in a field stipulated above)
- Intermediate to advanced proficiency in Microsoft Excel
- Competent in using Microsoft PowerPoint, Word and Outlook
- Ability to understand and explain trends, causalities and correlations
- Ability to graph, tabulate or illustrate data in an effective manner
- Good business communication and writing skills; Presenting data research insights to funders, partners, stakeholders, and peer members as needed
- Experience in research methodologies and developing research questions or topics
- A passion for making sense from large data sets
- An interest in developing oneself
- Attention to detail

ADVANTAGEOUS QUALIFICATIONS, KNOWLEDGE, AND EXPERIENCE

- Knowledge of the South African education sector (system, processes, policies, etc.)
- Microsoft Power BI
- Ability to program in at least one of R, SPSS, SAS, STATA, Python languages
- Experience in handling sensitive data and/or POPIA compliant processes and practices

ADDITIONAL INFORMATION

- Start Date: Immediate

APPLICATIONS

- NLF is committed to diversity and inclusion. Preference will be given to South African citizens. If you meet the above-mentioned requirements, please email your full CV to anja@newleaders.co.za by 12 June 2022.
- If you do not hear from us by 30 June 2022, please consider your application as unsuccessful.