

# Khethiwe R.L. Dlamini

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## EDUCATION

<b>University of Oxford</b> MSc, Modelling for Global Health	Oxford, England Nov 2023
<b>Instituto de Física Teórica (IFT – Unesp)</b> Research placement: Modelling dengue incidence using empirical dynamic modelling	São Paulo, Brazil May – June 2023
<b>University of the Free State</b> BSc (Hons), Actuarial Science	Bloemfontein, SA April 2021

## EXPERIENCE

<b>Genesis Analytics</b> Data Science Analyst	Johannesburg, SA Feb 2024 – Current
<ul style="list-style-type: none"><li>Led cross-functional team of 7 across South Africa, Nigeria, Tanzania, and the UK – coordinating analysts, senior consultants, and external stakeholders – to develop Teacher Forecasting Framework in Tanzania</li><li>Managed 2 projects with \$150,000+ budget, overseeing project delivery and timeline adherence</li><li>Spearheaded the AI adoption strategy for the Human Development Practice</li></ul>	
<b>Brass for Africa</b> Monitoring and Evaluation Intern	Kampala, Uganda July – Sep 2023
<ul style="list-style-type: none"><li>Performed data analysis in Excel to assess reasons behind 50% higher drop-out rates of female band participants compared to male participants aged 15+</li><li>Ideated and facilitated empowerment retreat for 18 female staff members</li></ul>	
<b>Munich Reinsurance Company of Africa</b> Life Product and Pricing Graduate	Remote Jan 2021 – Feb 2022
<ul style="list-style-type: none"><li>Collaborated with 5+ team members to develop new online quotation tool, improving pricing efficiency by 60%</li><li>Conducted stress testing for online quotation tool, dedicating 10+ hours weekly</li><li>Spearheaded funeral basis review to improve accuracy of results by up to 40%</li></ul>	

## LEADERSHIP

<b>Excel@Uni</b> Mentor	Remote June 2023 – Dec 2024
<ul style="list-style-type: none"><li>Mentored three undergraduate students, providing academic guidance and career support</li><li>Honored as one of Excel@uni's most impactful mentors for 2024</li></ul>	

## SKILLS & INTERESTS

- Technical:** HTML (advanced), CSS (intermediate), R (intermediate), Javascript (beginner), Python (beginner)
- Technologies:** Excel (advanced), VS Code (intermediate), Power BI (beginner)
- Language:** English (fluent), Sesotho (fluent), Isizulu (conversant)
- Interests:** Writing, front-end development, AI and machine learning