

# Nakkita H. L. Pillay

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## EDUCATION

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### MSc. Data Science

2019-2021

University of Cape Town

Coursework component (2019) - Statistical and High Performance Computing, Data Visualization, Unsupervised Learning, Supervised Learning, Data Science for Industry, Decision Modelling for Prescriptive Analytics, Python Object-Orientated Programming, Databases for Data Scientists.

Masters dissertation: Counting objects in Ecological Images using Deeping Learning. (awarded with distinction)

### BMedSc. (Hons) Medical Biochemistry

2018

University of Cape Town

Thesis Topic: Investigating long non-coding RNA-dependent therapies to treat inflammatory-based conditions.

Honours awarded in first class (distinction)

### BSc. Biochemistry and Human Anatomy and Physiology

2015-2017

University of Cape Town

Science Deans Merit List

### National Senior Certificate

2010-2014

Kharwastan Secondary School

Bachelor pass with 6 distinctions - English, Mathematics, Life Orientation, Physical Science, Life Sciences, and Geography.

## WORK EXPERIENCE

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### Quantitative Analyst

2020-  
Present

FNB

My current role entails the following:

- Building predictive models for business needs
- Provide business strategies based on analytics
- Analysis and reporting of data
- Management of data extraction for Campaigns

### FNB Future League Week

2019

FNB Winter School

A week which entailed understanding the role of analytics in different business units and participating in a group project. My group were tasked with proposing an innovative product which speaks to Stokvel needs in order to capture more market share.

**Science Orientation Leader****2018***UCT Science Faculty*

Orientation leadership training covered the following topics which were required for the above position: self-awareness, leadership responsibilities, strategic planning and project management, decolonization and intersectionality, mentoring, team work, UCT student support structures and basic communication skills.

The job entailed overseeing first year students during their computer practical sessions, campus tours, logistics of events and talks for first years and mentoring of students.

**Mathematics and Physical Science Tutor****2014***Private Tutor*

Teaching students content of subjects and focus on areas of weakness, monitor students progress and provide feedback to students and parents.

**PERSONAL ATTRIBUTES**

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- Self-driven and motivated
- Effective under pressure and deadline-driven
- Strong adaptability and fast learner

**COMPUTER SKILLS**

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| • R      | • SQL     |
| • Python | • Tableau |
| • SAS    |           |

**REFERENCES**

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Available upon request.