Ronald Tekenya
Junior Data Scientist
🏠 270 Marshall street, JHB ☎ 076 985 1287 ✉ rtekenya@gmail.com

Skills

- Python - Pandas, Numpy, seaborn, matplotlib
- Advanced Excel – Pivot tables, Dashboards
- SQL – MySQL & MSSMS
- Azure, Google Cloud
- IBM Cloud Park
- Power BI & Tableau
- Machine Learning
- Data Analytics
- Data wrangling & Cleaning
- Data Visualization
- Data mining
- Data Ethics
- Project Management
- Well written communication
- RStudio

Awards

- Golden Key Member
- Merit Bursary by Eskom
- Glendale Top Matriculant of 2011
- Top achiever in Math, Biology, Accounting and Physical Sciences – Grade 11 & 12

Relevant Courses

- Accounting Data Analytics
- Tableua for Business
- Google Machine Learning
- Excel for Business
- Intro to finance and accounting
- Dynamics 365 CRM

Experience

1. **Industrial Chemist** - 09/2018 to 08/2019
Averda, Vereeniging
- Managed a small team in research and, specialized in 60%+ of the labs research, analysis, small project management and report writing.
- Implemented new daily workflow procedures, resulting in record lowest delays and increase in lab activities.

2. **Student Assistant** – 03/2013 to 10/2017
UWC, Cape Town
- Physics Practical's and Tutorial: Experiment designs, data cleaning with excel and running simulations on Python etc.
- Chemistry Practical's and assistant to Phd candidate: Help students with experiments, have one on one seasons, scripts marking and data capturing.

Education

1. Master of Science: **Nano-Chemistry** – 02/2016 to 05/2018
University of the Western Cape, CT
  - Thesis Title: Synthesis, analyzing, characterization and modification of graphene nanomaterial onto a pencil lead for the determination of heavy metals in drinking water.
  - Minored: Business Management (1 year course)
2. Bachelor of Science: **Chemical Sciences** – 02/2011 to 10/2015
University of the Western Cape, CT
Majors: Chemistry, Physics and Mathematics

Projects & Publications

1. **Petrol Price Prediction**: (Power BI, Advanced Excel, Scikit,Tensor)
- Formulated data regression analysis for the prediction of total fuel price as per local and international factors.
Link: https://github.com/rtekenya/SA-Petrol-Price-Prediction

2. **Analytical research on nanotechnology and water pollution (+10 citations)**
- Designed and created a novel sensor for the detection of heavy metals. Data cleaning and visualization with excel and origin software.Link:https://www.tandfonline.com/eprint/u5vrDnDeS7RXX6BQtuFn/full

Certifications

1. Data Analysts Professional Certificate: **Google** – Online – 2021
2. Data Analyst Professional Certificate: **IBM** – Online – 2021
3. Data Science Professional Certificate: **IBM** – Online - 2021