

# NOLUTHANDO MKHIZE

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## EDUCATION

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### IIE Rosebank College

Johannesburg, Gp

*Bachelor of Information Technology in Business Systems*

*Expected Grad December 2024*

**Relevant Coursework:** Database, Business Analysis, Programming, Business Management, Economics, Web development, Business Information systems, Quantitative Techniques, Information Risk Management

### IIE Rosebank College

Johannesburg, Gp

*Higher Certificate in Information Technology in Support Services*

*February 2020 - December 2020*

**Relevant Coursework:** Computer Architecture, Web development, Work Integrated Learning, Network architecture, Help Desk, Quantitative Techniques, End user B and C.

**Passed with Distinction**

## CERTIFICATIONS

### Coursera

*Google Advanced Data Analytics Certificate*

*05 April 2024*

Covered data wrangling, exploration, visualization, statistical analysis, and machine learning fundamentals using SQL, R, and Python. Experienced in Google Cloud Platform (GCP) data analysis tools.

### Coursera

*Introduction To Cloud Computing (Currently Enrolled)*

*Expected completion – September 2024*

Fundamental cloud concepts, including cloud computing models (IaaS, PaaS, SaaS), service types (compute, storage, net working), security principles, and deployment strategies.

## PERSONAL PROJECTS

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### *COVID-19: A Global Data Exploration*

- Leveraged SQL to analyze a comprehensive COVID-19 dataset from the World Health Organization (WHO) spanning January 1st, 2020, to February 2024.
- Employed SQL queries to identify global hotspots of infection, analyze mortality rates across countries, and explore potential correlations between factors like demographics and healthcare infrastructure with the course of the pandemic.
- Gained experience in writing complex SQL queries involving data filtering, aggregation, joins, and data manipulation.

### *Nashville Housing Data Cleaning (using SQL)*

- Enhanced a Nashville housing dataset (Kaggle) through SQL cleaning techniques like address breakdown, date standardization, and duplicate removal for improved data analysis.

## SKILLS

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**Technical & Hard Skills:** Python, Java, SQL, HTML/CSS, MongoDB, Excel, Analytical skills, Tableau.

**Soft Skills:** Excellent verbal and written communication skills, Problem-solving and analytical thinking, Leadership, Teamwork and collaboration skills, Adaptability and willingness to learn new technologies, Curiosity, Detail-Oriented.

**Languages:** English, Afrikaans, Isizulu, Setswana.

**Interests:** Video games, Content creation, Travel, Hiking, YouTube workouts.