

# Nhlakanipho Mdletshe

Data Analyst

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GitHub: <https://github.com/NhlakaniphoMdletshe>

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Seeking to leverage data analysis and visualization skills to improve business decision-making and optimize data-driven insights in the Data Analyst role. I am excited about the opportunity to deepen my understanding of business intelligence and analytics within the industry. As of today, I am ready to contribute as a full-time Data Analyst.

## Work experience

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**Noz Science Tutors** | Junior Data Analyst

*Johannesburg South, Gauteng | 02.2024 - Present*

- Collected, cleaned, and organized historical company data to improve data integrity.
- Developed interactive dashboards and reports to support business decision-making.
- Conducted trend analysis and pattern detection to enhance operational efficiency.
- Collaborated with stakeholders to interpret insights and drive strategic initiatives.

## Education & Certification

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**Belgium Campus ITversity** | Diploma in Computer Software and Media Application

*Pretoria, South Africa | 02.2023 - 12.2025*

**FreeCodeCamp** | Data Visualization Certification

*Pretoria, South Africa | 01.2025*

**O'Reilly** | SQL for Beginners

*Pretoria, South Africa | 03.2025*

## Skills

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SQL (SQL Server, MySQL, PostgreSQL, SQLite) • Python (Pandas, NumPy, SciPy, Matplotlib) • Data Visualization (Tableau, Power BI, Excel – Pivot Tables, VLOOKUP, XLOOKUP) • ETL & Data Warehousing (Data transformation, integration, and automation) • Cloud Computing (Microsoft Azure – DataBricks, Data Lake, Data Warehouse, AWS) • Database Management & Troubleshooting (MongoDB, SQL databases) ■ *All professional proficiency or above*

## Projects

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- **Excel Salary Dashboard** | *Personal Project* | 01.2025
  - Built an **interactive Excel dashboard** to analyze salary trends.
  - Used **bar and map charts** to visualize disparities across job titles & locations
  - Applied **dynamic formulas (MEDIAN (), FILTER ())** for actionable insights.
- **AFCON Football NoSQL Database** | *Academic Project* | 03.2025
  - Developed a **MongoDB NoSQL database** for AFCON 2023 player stats & match data.
  - Conducted **ETL** to collect and structure datasets from official sources.
  - Created a **CLI tool** for seamless database interaction.
  - Optimized **queries & indexing** for better performance and scalability.
  - Evaluated **cloud hosting (AWS, Google Cloud, Azure)** for deployment.