

Darlington Maposa

Data Engineer

Organized and dependable candidate successful at managing multiple priorities with a positive attitude. Willingness to take on added responsibilities to meet team goals. Background includes data mining, warehousing and analytics. Quality-driven and hardworking with excellent communication and project management skills.



Work History

2022-08 - 2022-11 Data Engineer

ExploreAI Academy, South, Africa

- Built **Python** functions and **Pandas** to extract, clean and carry out Data Analysis metrics on Eskom dataset containing more than **100,000** data points.
- Implemented **database tuning** and **SQL query optimization** of an online store's inventory management system.
- Built and hosted a static website that displays my data science and machine learning portfolio projects using **AWS** Cloud services and **Python**.
- Set up an on-premise source connection along with a real-time streaming data pipeline by utilizing many **AWS** services, some **Python** programming, **configuration files**, and data flow modeling.
- Migrated an on-premise stock market share prices application to a cloud based **SQL database** by designing and implementing a cost effective **ETL** data pipeline architecture composed of various AWS services, Python, and Shell scripting.
- Used **Apache Framework**, **PySpark**, **SQL** and **Deequ** to ingest, process, quality test, and analyze NASDAQ stock market data of more than 1,000 companies.
- Designed and implemented a Hydraulic simulation model with 900 nodes using **Python**,



Contact

Address

Johannesburg, South Africa, 1401

Phone

+27 714 240870

E-mail

maposad04@gmail.com



Skills

Amazon Web Services

Linux

Python

Apache Airflow

Big Data ETL/ELT

PySpark

Databases

SQL

Remote Collaboration

Pandas, open source WNTR simulator packages
and **AWS Cloud Services**.

2021-01 -
2022-01

Data Analyst

Prokure Group, South Africa, Zimbabwe

- Identified and documented detailed business rules and use cases based on requirements analysis.
- Researched and resolved issues regarding integrity of data flow into **databases**.
- Participated in requirements meetings to understand business needs.
- Prepared data and information using VB and Excel for making regular report data analysis on recyclable materials.



Education

2012-08 - 2016-06

Bachelor of Science: Telecommunication (Honors)

*Midlands State University -
Zimbabwe*

2022-01 - 2022-08

Data Engineering

*Explore AI Academy -
South Africa*