Adeniyi Demilade Adeboye

Grand Rapids, MI 49504 • +1 (616) 334-7369 • adeboye.demilade@yahoo.com
www.linkedin.com/in/adeniyi-adeboye-23474929/

Data Engineer

A current Data Science & Analytics graduate student at Grand Valley State University – Well-rounded at Database design, Data modelling and building of Data pipelines using Data warehouse frameworks and cloud services. Excellent verbal and written communication and presentation skills and highly refined self-learning skills.

- Data Engineering
- Business Intelligence
- Data Science and Analytics
- Database Design
- Data Mining and Visualization
- Data Warehouse
- Process Improvement
- Communication Skills
- Team Collaboration

Technical Skills

Python, Java, SQL, PostgreSQL, Pandas, Scipy, Spacy, Numpy, Plotly, Seaborn, ArcGIS, Matplotlib
Apache Airflow, Pyspark, Apache Cassandra, AWS (Amazon Sagemaker, S3, Redshift).

Career Experience

Freelance Data Engineer September 2019 - Present

Successfully completed numerous projects and gained expertise in various aspects of data science and data engineering techniques. ***Some of the projects completed include:***

- Data modelling with PostgreSQL – created a PostgreSQL Database that was optimized to perform song analysis based on the user and song identities.
- Built an (Extract-Transform-Load) ETL Data pipeline that extracts data from S3, stages them in Amazon Redshift, and transform them into star schema for song analysis in Redshift.
- Developed an ETL Data pipeline (based on UK Traffic and Accident Datasets) using Pyspark, Apache Airflow and AWS for the purpose of building a traffic analytics dashboard that shows Annual Average Daily flow (AADF) of vehicles on major roads in United Kingdom. *(Projects can be found on: https://github.com/AdeboyeML?tab=repositories).*

Research Assistant – MARUM, Bremen, Germany January 2018 - April 2019

Participated and led research for successful projects utilizing strong data analysis and research competencies.

- Performed assessment on the extent of aerobic microbial biodegradation on ductile asphaltic samples, through mass spectral data analysis using Gas Chromatography – Mass Spectrometry (GC-MS).
- Attained insights into the architectural styles of channel-levee systems by processing and analyzing 3D and 2D-multichannel seismic dataset.
- Administered successful execution of decompaction and backstripping techniques in MATLAB by assessing subsidence rate in sedimentary basins.

Education & Credentials

M.Sc. Data Science & Analytics – Grand Valley State University, Grand Rapids, MI Present
M.Sc. Marine Geosciences – Universität Bremen, Bremen, Germany September 2019
B.Sc. Geology – University of Ilorin, Ilorin, Nigeria August 2015