COSMOS DIKE

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Portfolio:
https://github.com/uzodyke/Cosmos_Data_Portfolio.
https://public.tableau.com/app/profile/cosmos.dike.

Career Summary

Highly skilled data analyst with years of experience in collecting, processing, and analysing complex data sets to drive business decisions. Proficient in a range of analytical tools and techniques, including **SQL, Python, Excel, Power BI, Looker and Tableau**. Proven track record of identifying trends and insights through data analysis and developing effective strategies to improve business performance. Strong communicator with the ability to explain complex data insights to non-technical stakeholders.

Key Skills and Competencies

- Proficient in SQL, Python, and other programming languages.
- Skilled in database design, data modelling, and data warehousing.
- Knowledge of ETL (Extract, Transform, Load) tools and techniques.
- Proficient in data mining, data cleaning, and text analytics.
- Familiar with Microsoft Suite - Office, PowerPoint, and Excel.
- Experienced with cloud platforms, including AWS, Azure, and Google Cloud.
- Strong interpersonal skills, including communication, negotiation, and persuasion.
- Capable of working with big data applications using Apache Spark and Hadoop MapReduce.
- IT Skills include proficiency in operating systems (Linux, Microsoft Windows), website design knowledge, and expertise in applications such as MySQL, PostgreSQL, Python, PySpark, Looker, Tableau and Power BI.

Work Experience

Moors and Greens, UK   Nov 2022 – Present
Data Analyst

- Created custom, user-friendly dashboards tailored to specific business needs for real-time monitoring of Key Performance Indicators (KPIs) and effective progress tracking.
- Utilized advanced analytics to extract valuable insights from large datasets, delivering actionable information to stakeholders for well-informed decision-making.
- Proficiently employed SQL for extracting, manipulating, and managing data from complex relational databases, ensuring seamless access to vital information.
- Conducted comprehensive data cleaning and transformation procedures to ensure the accuracy and reliability of analytical results, bolstering robust decision support.

Plus Incubation Hub   Apr 2022 – Oct 2022
Data and Insight Analyst

- Spearheaded the development of agro-based data analytics products, encompassing ML models for predicting soil quality and crop suitability, aimed at bolstering business prospects for rural farmers.
- Located and procured remote sensing data from both open and proprietary sources, including web scraping.
- Devised data pipelines for the preparation of remote sensing data, facilitating model development and enabling shared data access.
- Collaborated with pertinent stakeholders to orchestrate events promoting the adoption of data-driven insights.

Pest Terminators Ltd   **Jul 2018 - Sep 2021**
Data and Visualization Analyst

- Utilized MySQL, Tableau, and other dashboards/visualization tools for data.
- Converted data into actionable insights by predicting and modelling future outcomes.
- Proactively track progress of project tasks and milestones by liaising with Project Managers and relevant project team members.
- To identify and source information and data required to progress and enhance projects.
- Conducted data-based research and analysis, presenting the findings to aid management decision process.
- Ensure effective management and application of data, Creating reports on multiple data sets.

Education

MSc Data Science and Analytics, University of Portsmouth, UK   **Oct 2021 - Oct 2022**
(Grade - Merit)

This degree focused on the use of machine learning algorithms to perform data analyses, Data management, database creation, big data application using Apache Spark, Hadoop MapReduce and Python, Business intelligence and Data warehousing.

This degree covers a range of topics, enabling the development of technological and technical skills such as:

- Conducted data preparation in Excel, Python, and Knime, involving cleaning and transforming raw data prior to processing and analysis.
- Utilized machine learning algorithms to analyze extensive datasets, including tasks such as classification, regression, clustering, association rules, and text mining.
- Proficient in designing, creating, and interacting with operational databases like MongoDB and PostgreSQL.
- Analysed big data using Apache Spark and Hadoop MapReduce, including applications like PageRank.
- Executed deep learning tasks, utilizing convolutional neural networks in Python with TensorFlow for pretraining networks in image recognition.

- Demonstrated proficiency in using SQL queries to interact with data warehouses, extracting meaningful and actionable information from fact tables and dimensions and possessed an enhanced understanding of data warehouse concepts and best practices for data visualization.

Additional Qualifications and Certifications

Bachelor's in Economics and Statistics
The University of Lagos.
Scrum Fundamentals Certified
Lean Six White belt
AWS Cloud Practitioner Certified
Azure Cloud Fundamentals: Microsoft Certified

Extracurricular Activities

[British Airways] Virtual Experience Program Participant.
Participated in the open access [Quantum Analytics] Virtual Experience Program with Forage.
Tasks Completed include:
- Web scraping to gain company insights
- Predicting customer buying behaviour

[Quantum Analytics] Virtual Experience Program Participant
Participated in the open access [Quantum Analytics] Virtual Experience Program with Forage.
Tasks Completed include:
- Data preparation and customer analytics
- Analytics and commercial application
- Experimentation and uplift testing