Leonard Nshindano

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**Objective**

Detail-oriented and analytically-driven Data Scientist with a Bachelor's degree in Computer Science. Equipped with excellent communication and presentation skills, proficient in data manipulation and analysis using Python and SQL. Demonstrated ability to derive insights and provide recommendations. Seeking opportunities to leverage strong analytical and problem-solving skills to contribute effectively to data-driven decision-making processes.

**Skills**

* **Data Analysis:** Proficient in data cleaning, manipulation, and analysis using Python (Pandas, NumPy) and SQL.
* **Data Visualization:** Experience creating clear and compelling visualizations using tools such as Matplotlib, Seaborn, and Plotly.
* **SQL:** Proficient in writing complex SQL queries to extract and manipulate data from databases.
* **Problem Solving:** Strong problem-solving skills, with the ability to approach issues analytically and develop effective solutions.
* **Programming Languages:** Proficient in Python; familiarity with R.
* **Statistical Analysis:** Knowledgeable in statistical techniques including hypothesis testing, regression analysis, and data mining techniques.
* **Mathematics:** Proficient in linear algebra, calculus, and probability.
* **Machine Learning:** Proficient in using sci-kit learn for machine learning projects.
* **Libraries and Tools:** Experience with SciPy, SymPy, TensorFlow, statsmodels.
* **Development Environments:** Proficient in Jupyter Notebook, Visual Studio Code, and PyCharm.
* **Database Management Systems:** Experience with SQL Server and SQLite3.
* **Web Development:** Currently learning Django for web development.
* **Fast Learner and Problem Solver:** Demonstrated ability to quickly grasp new concepts and solve complex problems efficiently.
* **Collaboration:** Ability to work effectively in collaborative environments, contributing ideas and insights to achieve common goals.

**Professional Experience**

**Self-taught Data Scientist** [**GitHub Portfolio**](https://github.com/leonardsuniverse/datascience_and_machinelearning)**:** <https://github.com/leonardsuniverse/datascience_and_machinelearning>

* Utilized Python for data manipulation, analysis, and visualization.
* Employed Pandas and NumPy libraries for handling and processing datasets.
* Developed machine learning models using sci-kit learn.
* Leveraged SciPy and SymPy for scientific computations and symbolic mathematics.
* Implemented neural networks with TensorFlow.
* Created statistical models using statsmodels.
* Conducted data analysis and visualization in Jupyter Notebook.
* Developed and debugged code using Visual Studio Code and PyCharm.
* Managed databases with SQL Server and SQLite3.

**District I.T. Officer - 2022 Census Zambia Population and Housing**

Sept 2022 - Dec 2022

Played a key role in the 2022 Census Zambia Population and Housing project as the District I.T. Officer.

Managed information technology infrastructure and systems for data collection and processing within the district.

Provided technical support and training to census enumerators on the use of electronic data collection devices.

Ensured the timely and accurate collection, transmission, and storage of census data in accordance with established protocols.

Implemented data collection and synchronization procedures to facilitate the seamless transfer of collected data to the headquarters server.

Collaborated with central data management teams to troubleshoot technical issues and ensure data integrity.

**Technical Support Officer - Electoral Commission of Zambia**

March 2021 - Feb 2022

Provided technical support and troubleshooting assistance for electronic voting systems and voter registration equipment during the 2021 General Elections.

Collaborated with election officials and IT staff to ensure the smooth operation and integrity of voting technology.

Conducted training sessions for election workers on the use of electronic voting systems and troubleshooting common issues.

Responded promptly to technical issues and maintained accurate records of equipment performance and maintenance activities.

Managed data collection and transfer processes to ensure the accurate and secure transmission of election-related data.

**Education**

Bachelor of Science in Computer Science, Cavendish University Zambia, 2019

Included coursework in Mathematics and Statistics.

**Interests**

Mindful Meditation: Regular practice for mental clarity and stress management.

Running: Enjoying long-distance running for physical fitness and mental well-being.

Sunbathing: Appreciating outdoor activities and sunlight for relaxation and vitamin D.

Chess: Strategic game enthusiast, fostering critical thinking and problem-solving skills.

Reading Stoicism and Spiritual Ascension: Exploring philosophical and spiritual concepts for personal growth and awareness.