Loza Tadesse

Madison, SD | <u>Portfolio</u> | (202)-738-2103 | <u>lozamulugetatadesse@gmail.com</u>

EDUCATION

Dakota State University, The Beacom College   **Madison,SD**
BS, Computer Science (GPA: 3.9)   *Graduation Date: May 2023*

Addis Ababa University   **Addis Ababa ,Ethiopia**
B.S.,Software Engineering, Partially fulfilled   *Graduation Date: Jan 2020*

PROJECT EXPERIENCE

Loan Eligibility Prediction Model

- Developed a loan eligibility prediction model using Python, Pandas, and Scikit-learn, achieving an accuracy of 85%.
- Conducted exploratory data analysis (EDA) and feature engineering to identify and select the most relevant features for the model.
- Preprocessed and cleaned the data using techniques such as data imputation, scaling, and normalization to ensure data quality and consistency.

Minibus Transportation system

- Analysis and design of computerized information systems in accounting, finance, management, marketing, and other application areas.
- Topics include systems life cycle methodologies, data flow diagrams, and rapid prototyping techniques.
- Emphasis is placed on design issues such as user involvement and the selection of appropriate methodologies. Course requirements include designing a system for implementation.

Covid -19 Exploration

- Conducted exploratory data analysis (EDA) on COVID-19 data using SQL, including data cleaning, filtering, and aggregation.Analyzed COVID-19 trends and patterns, including the number of cases, deaths, and recoveries, using SQL queries and visualizations.Conducted cohort analysis to examine COVID-19 trends among different age groups, genders, and geographic locations using SQL.

CERTIFICATION & SKILLS

Certifications: The Data Analysis Course: Complete Data Analyst Bootcamp 2023
Professional: Microsoft Office (Excel, PowerPoint) | Salesforce | SQL | Python programming | NumPy, | pandas | data preparation - data collection | data cleaning | data data preprocessing | data visualization | C suite Languages | Assembly | CSS | HTML
Personal: Communication, Leadership| Teamwork, Adaptability, Problem-solving, Creativity, Time management

WORK EXPERIENCE

Community Center   **Madison,SD**
Assistant Manager   *Jan 2022 - May 2023*

- Demonstrated proficiency in data collection, cleaning, and preparation, as well as presentation of data in various formats such as charts, graphs, and tables.
- Utilized software and tools such as Microsoft Excel, SQL, and Python to analyze data and provide actionable insights to management.

Abebech Haile Construction   **Addis Ababa,Ethiopia**
Data Analyst Intern   *Start Date - Finish Date*

- Conducted data analysis using tools such as Excel, SQL, and Python to identify trends and patterns in large data sets.
- Assisted with the development of data visualization dashboards using Tableau to improve data accessibility and drive data-driven decision-making.
- Collaborated with team members to streamline data collection and analysis processes, resulting in a 25% reduction in data processing time.

RESEARCH

Dakota State University   **Madison,SD**
Assistant Researcher   *Sep 2022 - Mar 2023*

- Crafted a Python program to proactively address potential security threats on Twitter. The program focuses on the detection of invalid hyperlinks and the creation of corresponding domains, allowing for the tracking of relevant logs and monitoring of traffic.
- Hosted the program on a highly reliable and secure Vultr server, providing a robust platform for domain hosting. The traffic was logged and analyzed in order to gain valuable insights into the number of clicks, further enhancing the overall security posture of the platform.