

Loza Tadesse

Madison, SD | [Portfolio](#) | (202)-738-2103 | lozamugetatadesse@gmail.com

EDUCATION

Dakota State University, The Beacom College

BS, Computer Science (GPA: 3.9)

Madison,SD

Graduation Date: May 2023

Addis Ababa University

B.S.,Software Engineering, Partially fulfilled

Addis Ababa ,Ethiopia

Graduation Date: Jan 2020

PROJECTS

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.
- 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.

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.

Tableau Dashboard For Covid-19 Exploration

- Overview of COVID-19 cases: Provide a high-level view of the number of COVID-19 cases, deaths, and recoveries around the world, broken down by region or country.

Find Correlation In The Movie Industry

- Designed and executed a user research study to inform the development of a new mobile app. Analyzed the data using statistical methods in Python and presented key findings and recommendations to the development team, resulting in a more user-friendly and effective app.
- Developed and maintained a database of customer feedback using SQL and Python, and performed regular analyses to identify trends and inform product development. Presented findings to the executive team and contributed to the development of a new product line, resulting in a 25% increase in revenue.

RESEARCH EXPERIENCE

Dakota State University

Assistant Researcher

Madison,SD

Sep 2022 - Mar 2023

- Collect the data crafted with a Python program to proactively address potential security threats on Twitter. The program focuses on detecting invalid hyperlinks and creating 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.

WORK EXPERIENCE

Community Center

Assistant Manager

Madison,SD

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.

Abebech Haile Construction

Data Analyst Intern

Addis Ababa,Ethiopia

Jun 2021 - Aug 2021

- 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.

CERTIFICATION & SKILLS

Certifications:The Data Analysis Course: Complete Data Analyst Bootcamp 2023

Professional:Microsoft Office (Excel, PowerPoint) | Tableau | SQL | Python programming | NumPy, | pandas | data analysis| C suite Languages | Assembly | CSS | HTML

Personal:Communication, Leadership| Teamwork, Adaptability, Problem-solving, Creativity, Time management