BRIGIT MELBRIDE

Email: melbrideb@gmail.com
Phone Number: 0790117305
LinkedIn: https://www.linkedin.com/in/brigit-melbride-43b8232b7
GitHub: https://github.com/Melbride

Aspiring Data Scientist

I am an aspiring data scientist with a solid foundation in machine learning, data analysis, and backend development using Django. I am eager to join the *Everything Data Mentorship Program* to refine my skills, gain industry insights, and contribute to impactful data-driven solutions. Passionate about continuous learning and growth, I am fully committed to developing as a data scientist.

Skills

Programming: Python, SQL
Data Analysis: Power BI, Pandas, Matplotlib
Machine Learning: Scikit-learn, Random Forest, Classification Models
Frameworks: Django (Backend Development)

Relevant Experience

Data Science Enthusiast

- Self-taught intermediate machine learning practitioner with hands-on experience in Python.
- Analyzed datasets to uncover patterns and built predictive models for decision-making.

Backend Developer

- Developed Django-based web applications, integrating data workflows and visualization tools.

Power BI Analyst

- Created an interactive *Movie Analysis Dashboard* to visualize trends in genres, box office performance, and audience ratings.

Education and Projects

Education

- Bachelor's Degree in Data Science, Third Year
  Meru University of Science and Technology

Projects

- **Customer Churn Prediction Model**: Built a machine learning model to predict customer churn and deployed it using Streamlit.
- **Community Crisis Communication Platform**: Developed a platform using Django, JavaScript, and HTML/CSS to facilitate resource sharing, post emergency alerts, and engage in community discussions.
- **Financial Inclusion Challenge**: Participated in a Zindi competition to predict bank account ownership based on demographic features.
- **Web Scraper**: Built a tool to track product pricing on Jumia, enabling users to visualize historical pricing trends.

Why I Need Mentorship

I am deeply committed to advancing my expertise in data science and view this mentorship as an invaluable opportunity to:

1. Enhance my technical and analytical skills under expert guidance.
2. Gain real-world insights and practical problem-solving experience.
3. Collaborate with mentors and peers to contribute meaningfully to impactful projects.

With my dedication, enthusiasm, and willingness to learn, I am confident this mentorship will be transformative for my growth and future contributions to the data science field.