Lesego Dhlamini

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Portfolio: lesego-1.github.io/Lesego-1-Portfolio/ | LinkedIn: linkedin.com/in/lesego-d-a5a7372a0

Skills

- **Programming & Tools:** Python, SQL, Git, Jupyter, VS Code
- **Libraries & Frameworks:** Pandas, NumPy, scikit-learn, Matplotlib, Seaborn
- **ML & Data Concepts:** Machine Learning, Data Preprocessing, Model Evaluation
- **Visualization Tools:** Tableau, Power BI
- **Soft Skills:** Analytical Thinking, Communication, Problem Solving
- **Languages:** English, Zulu (Beginner)

Projects

Customer Dispute Classification

GitHub: github.com/Lesego-1/Customer-Dispute-Classification

- Built an end-to-end complaint classifier (Django + Bi-LSTM) that flags likely disputes from raw text.
- Added Hugging Face summarization to auto-condense complaints and ease support review.
- **Potential impact:** faster dispute triage and richer product insights through automated risk scoring.

Customer Review Sentiment Analysis

GitHub: github.com/Lesego-1/NLP-Project

- Developed an LSTM model (Keras) to classify sentiment in 1,000+ product reviews, with custom preprocessing (regex, tokenization, vectorization).
- Achieved 84% accuracy; applied Aspect-Based Sentiment Analysis to extract product-level insights, supporting quality monitoring and marketing.

Education

Diploma in Information Technology | Richfield Graduate Institute of Technology
Last Year: 2025

- Final-year IT student with coursework in Programming, Databases, and Quantitative Methods; supplemented with self-learning in Data Science and ML.
- Completed hands-on projects and certifications using Python, Tableau, and scikit-learn to build practical analytics and ML skills..