

# TEMISOLA OLAJIDE

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Final-year Computer Science and AI student passionate about using data to solve real-world problems. Experienced in Python, SQL, and Power BI with a strong foundation in data cleaning, visualization, and modelling. Currently supporting a bank-wide optimization model and leading an NLP research project on narrative bias. Looking to grow in a mission-driven, collaborative data science environment.

## EDUCATION

### HERIOT- WATT UNIVERSITY

#### BSc. Mathematics and Computer Science

Major in Computer Science, Artificial Intelligence

Relevant Modules: Data Analytics, Business Intelligence, AI & ML Fundamentals, Project Management

Dubai, UAE

Expected June 2026

## TECHNICAL SKILLS

- **Languages:** Python, Java, SQL, JavaScript
- **Libraries/Tools:** Pandas, Scikit-learn (basic), Power BI, Jupyter Notebook/ Google Colab
- **AI & ML:** Q-learning, Reinforcement Learning (Basics), Model Evaluation Techniques
- **Data & Visualization:** Power BI, ERD Design
- **Soft Skills:** Collaborative, Adaptable, Strong Communicator

## EXPERIENCE

### DATA ANALYST INTERN - STANDARD BANK

June 2025 - present

- Building a forecasting model to optimize cash vault levels across 140+ branches
- Wrote SQL queries and created Power BI dashboards to visualize insurance costs and usage trends
- Participated in cross-functional data modelling and business analysis

### DATA ANALYST INTERN - EFG HERMES

April 2025 – May 2025

- Assisted with database design, creating and interpreting Entity Relationship Diagrams (ERD's)
- Supported querying and analysis of structured data for insights and decision support
- Created data visualizations using Power BI to communicate trends
- Gained foundational understanding of investment banking processes

### INTERN - ASCENTREE SERVICES LIMITED

May 2023 - September 2024

- Contributed to backend development (Laravel) and frontend enhancements (React)
- Created Figma prototypes and used SQL/Power BI for internal analytics
- Conducted competitor and market analysis to support product-market fit initiatives
- Assisted with CRM updates, stakeholder follow-ups, and operational data tracking

## PROJECTS

### Narrative Bias Explorer – Final Year Project (Ongoing)

- Investigating how storytelling and data visualization influence user interpretation and AI output
- Includes research on narrative framing in large language models and media platforms

### Cash Vault Optimization Model (Ongoing)

- Supporting to build a forecasting and optimization model to determine ideal cash levels in bank branches
- Analyzing historical cash usage and insurance cost data to prevent shortages or excess
- Integrated model findings into actionable reporting dashboards

### Q-Learning Implementation for Optimization (2024)

- Developed a reinforcement learning model using Q-learning to solve optimization problems. Implemented value iteration and policy iteration to compare the efficiency of learning and decision-making methods.

### H.O.M.E – Smart Home Management App (Group Project)

- Designed a mobile app in Flutter for energy-efficient appliance management
- Integrated Firebase, IoT data, and user-friendly interfaces

## ACHIEVEMENTS

- Scholarship Recipient – *Change the World Model United Nations (2025)*
- Runner-up – *AISEN Public Speaking Competition (2021)*
- Winner – *Communicator Award, ALA SEA VC Summer Programme (2021)*