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## Personal statement

Detail-oriented Data Analyst with a Master's in Data Science and a proven track record in **end-to-end data management**, from **cleaning** and **validation** to **visualisation** and **reporting**. Experienced in handling sensitive, large-scale datasets and translating complex metrics into actionable business insights. Strong technical proficiency in **SQL**, **Python**, and **Dashboarding**, combined with a background in quality assurance and discrepancy resolution. Eager to leverage analytical skills to improve operational efficiency and decision-making in a dynamic, high-performance environment.

## Key Skills

- **Data Analysis & Visualisation:** Python (Pandas, NumPy, Plotly, Seaborn), Streamlit, SQL, Advanced Excel, Dashboard Creation, KPI Reporting
- **Data Management:** ETL Workflows, Data Cleaning, Data Quality Control, Database Management (SQLite), Pattern Recognition.
- **Machine Learning:** Feature engineering, supervised learning, model evaluation, experimentation
- **Operational Excellence:** Requirement Gathering, Process Improvement, Stakeholder Communication, Discrepancy Resolution, Documentation.
- **Compliance & Tools :** Handling Sensitive Data, Regulatory Awareness, Git, VS Code, Excel, docker

## Education

**MSc Data Science, University of Greenwich** | *Jan 2025 – Jan 2026*

Grade: **2:1**

**BSc Computer Science, NB Navale Sinhgad College of Engineering** | *Graduated 2024*

Grade: **9.8 CGPA (Equivalent to First Class)**

## Professional Experience

**Web Development Intern | Katara Informatics** | *(Oct 2023 – Nov 2023)*

- Prepared, validated, and maintained structured datasets used by backend systems
- Wrote and optimised SQL queries to retrieve, verify, and update application data
- Performed data quality checks to identify inconsistencies, missing values, and logic errors
- Investigated and resolved 15+ data-related issues using structured debugging and validation
- Contributed to backend systems with a focus on code correctness, maintainability, and reliable data handling in production environments

**Sales Associate (Part-Time) – TK Maxx, UK** | *(Aug 2025 – Jan 2026)*

- Worked in a fast-paced UK retail environment, handling **50+ transactions per shift** with zero discrepancies
- Strengthened professional communication in a fast-paced, customer-facing environment

## Projects

**MSc Dissertation Early Detection of Alzheimer's Disease Using Machine Learning**

- Developed a high-precision clinical prediction model achieving **97.4% ROC-AUC** using deep tabular learning on the NACC dataset. Processed and validated large-scale, noisy healthcare data (200,000+ records) to ensure integrity, translating complex model outputs into clear risk-assessment metrics for medical decision support.

**Pokémon Analytics Dashboard ("Sky Pokédex") (Self-Built Project)**

- Developed an interactive full-stack analytics dashboard using **Python, Streamlit, and SQLite** to visualise complex attributes for 800+ entities. Engineered an efficient data retrieval backend with dynamic filtering and visualisation features, enabling granular comparative analysis to uncover hidden trends and statistical correlations.

## Professional Qualifications & Awards

**Winner – Smart India Hackathon, Indian National Government (2023)**

- Built a production-ready software solution in **36 hours** under time-critical constraints, focusing on usability, reliability, and real-world impact.
- Awarded **₹100,000** for innovation and technical excellence

## Interests

Data Storytelling | UI/UX Design | FinTech Systems | Software Architecture | AI & ML | Writing Poetry