



Humphrey Afobhokhan

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Education

- Master of Science in Data Science** (In Progress) - University of San Francisco | San Francisco, California Dec 2026
- Coursework: Machine Learning, Statistics, Data Engineering, Big Data Systems, Linear Algebra, Calculus
 - Focus: Applied AI and data pipeline architecture for real-world business problems
- Master of Science in Business Analytics** - Hult International Business School | San Francisco, California Aug 2024
- Courses: Python, SQL, R, Machine Learning, AI, Data Visualization, Optimization
 - President, Hult Data Global
- Master of Entrepreneurship & Innovation** - Hult International Business School | San Francisco, California Apr 2023
- Master of Business Administration** - Hult International Business School | London, United Kingdom Aug 2022
- Courses: Accounting, Finance, Economics, Strategy, Project Management
- Bachelor of Science in Microbiology** - Benson Idahosa University | Benin, Edo, Nigeria Apr 2018
- Focus: Biostatistics, Biotechnology

Professional Experience

- Researcher – Computer Vision for Clinical Microscopy – MicroSight** | San Francisco, California Jul 2025 – Present
- Designing AI-powered vision system for real-time diagnostic support in microscopy
 - Leading model training and evaluation for anomaly detection in medical imaging
- Project Lead – Applied AI in HealthCare Infrastructure – Medyl** | San Francisco, California Jan 2025 – Present
- Leading product development of an interoperable health platform for predictive care
 - Architected AI-driven modules for medical profiling, risk scoring, and emergency access
- Founder – Fahoy** | San Francisco, California Sep 2022 – Present
- Built a digital entertainment brand spanning publishing, licensing, and performance analytics
 - Directed strategy across music campaigns, sync deal, and cross-platform distribution
- Database Coordinator – Kayode Trading** | Dubai, United Arab Emirates Sep 2019 – Jul 2022
- Boosted operations by 22% using predictive analytics, SQL pipelines, and Power BI dashboards
 - Integrated snowflake and automated ETL pipelines to optimize cross-functional reporting
- Biomedical Analyst – Nigerian National Petroleum Corporation** | Benin, Edo, Nigeria Jan 2018 – Jun 2019
- Improved data quality by 16% through clinical analysis in microbiology and hematology labs
 - Performed diagnostics tests supporting evidence-based medical reporting
- Laboratory Technician – Nigerian National Petroleum Corporation** | Benin, Edo, Nigeria Jan 2017 – Jun 2017
- Conducted lab tests and ensured data accuracy across microbiology, chemistry, and serology units
 - Contributed to diagnostic workflows by delivering timely, validated clinical data

Research & Analytics Projects

- Bitcoin Price Prediction Dashboard – Python, Streamlit** | Jun 2025
- Built a real-time ML dashboard forecasting Bitcoin price movement using classification and regression models
 - Designed end-to-end pipeline with model training, prediction logic, and automated visualization
- Wine Review Text Analysis – R, NLP, Tableau** | Jul 2024
- Applied NLP frameworks (TF-IDF, topic modeling, sentiment scoring) to classify and score 120k+ wine reviews
 - Created interactive dashboard to visualize consumer preferences and product segmentation
 - Derive strategic insights on pricing, branding, and region-based consumer sentiment

Technical Proficiencies

Python, R, SQL, Excel, Power BI, Tableau, Machine Learning, MySQL, Snowflake, dbt, NoSQL, DataBricks, ETL



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Languages

Languages: English (Fluent), Esan (Native), French (Intermediate), Gorgonian (Intermediate), Yoruba (Fluent)