

MAGNUS AGHE

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DATA SCIENTIST | MS DATA SCIENCE | POWER BI & GOOGLE DATA ANALYTICS CERTIFIED

An innovative Data Scientist with expertise in statistical analysis, predictive modeling, and machine learning optimization. With an MBA and a background in Electrical/Electronics Engineering, I apply advanced analytics to solve business problems and improve team performance. Certified in Power BI and Google Data Analytics, I excel at leveraging data to drive insights and organizational success.

EDUCATION

MS in Data Science, National University, CA, USA (GPA – 3.98/4.0) (March 2024)

Master of Business Administration (MBA), University of Lagos (February 2011)

Bachelor of Science in Electrical and Electronics Engineering, Ambrose Alli University (November 2004)

Verified International Academic Qualifications by World Education Services (WES)

CERTIFICATIONS

- [Microsoft Power BI Data Analyst](#) (Nov 2024)
- [Data Warehouses](#) (Jul 2023)
- [SAS Programming for R Users](#) (Feb 2023)
- [Google Data Analytics](#) (Jan 2022)
- [Certified Business Analysis Professional \(CBAP\) Certification Training](#) (Apr 2021)
- [Business Analytics with Excel](#) (Mar 2021)
- [Tableau Desktop Certified Associate](#) (Nov 2020)

COMPETENCIES

Data Science & Analytics: Machine Learning | Predictive Modeling | Data Mining | Statistics | Python | R | SAS | SQL | Tableau | Power BI | ETL | Data Warehousing | Data Cleaning

Business Intelligence: Data Visualization | KPI Dashboarding | Business Process Optimization | A/B Testing

Tools & Technologies: TensorFlow | Keras | SAP | Snowflake | Oracle DBMS | AWS (SageMaker, EC2, Redshift) | Relational Databases | Advanced Excel | SPSS

Professional Skills: Effective Communication | Leadership | Agile Methodologies (Scrum, Lean Six Sigma) Project Management | Creative & Technical Writing

EXPERIENCE

Data Scientist | National University (Sep 2022 – Mar 2024)

Los Angeles Crime Hotspot and Category Classification (Thesis), Neural Networks and Deep Learning

- Predicted crime occurrences in Los Angeles using time series ML models LSTM and ARIMA.
- Predicted crime categories using Random Forest, XGBoost, Decision Trees & Logistic Regression.
- Utilized ETL techniques to explore, clean, and visualize 14 years of crime and weather data.
- Built classification models (MLP, ANN, CNN) for image datasets using Keras and TensorFlow.
- Worked on classification of MNIST datasets, including Digits, Fashion and Sign Language.

Full Data Science Lifecycle Projects (including Healthcare, Financial, and Logistics Data Analysis)

- Applied ETL, data mining and machine learning algorithms using Python, R, and SAS on various datasets (e.g., Wine Quality, Fetal Health, Breast Cancer).
- Conducted A/B testing on model performance and deployed ML models to AWS using Flask and Docker.
- Analyzed healthcare datasets with SAS, SQL, and Tableau for test of association and pattern recognition.
- Worked on loan default classification, rental demand prediction, and predictive modeling using various supervised and unsupervised ML techniques.

Process Assistant/Data Analyst | Amazon (May 2020 – Present)

- Analyzed metrics using SQL, Google Sheets, Excel, performing root cause analysis, and identifying key trends.
- Designed Tableau and Power BI dashboards to monitor and report on KPIs, using ETL processes.
- Led a team of up to 70, optimizing workstations and maintaining high productivity and safety standards.
- Oversaw smooth operations in various process paths in the Pack Singles department.
- Spearheaded problem-solving initiatives to ensure timely package shipments, reducing CPT misses.

Business Data Analyst/Data Scientist | Freelancer (May 2020 – Nov 2024)

- Analyzed large datasets via ETL processes using SQL, PostgreSQL, and Snowflake.
- Developed machine learning models into production environments.
- Utilized Excel, SAS, R, and Python to mine data for statistical analysis, and insightful data visualizations.
- Created visual dashboards in Tableau and Power BI to support data-driven decisions.

Business Data Analyst/Content Writer | Ornament Media (July 2017 – Feb 2020)

- Conducted data analysis using SAP, Excel, SPSS, and Power BI for strategic decisions.
- Increased revenue and client base by 600% through data-driven business strategies.
- Evaluated company financial data viz-a-viz macroeconomic business trends.

- Was chief content writer, developing key technical media content across various electronic and print media.
- Authored grant-funded creative projects, enhancing clients' brand visibility.

HONORS & AWARDS

- President's Circle, National University
- National Society of Leadership and Success
- Omega Nu Lambda National Honor Society, Phi Chapter

KEY PROJECTS/PAPERS

- [Advanced Crime Prediction in Los Angeles](#)
- [Seoul Bike Sharing System Demand Prediction](#)
- [Microsoft Stock Price Prediction](#)
- [Heart Disease and Heavy Alcohol Drinking](#)