

Joshua Agyekum - Business Intelligence Analyst

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Portfolio: <https://kofijoo.github.io>

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English (Fluent), Norwegian (B1)

Permanent Residence & Valid Work Permit in Norway

Professional Summary

Business Intelligence Analyst with expertise in Power BI, SQL, and Python-based forecasting. Proven track record building automated reporting solutions and interactive dashboards that drive strategic business decisions. Based in Oslo with valid work authorization and permanent residence status.

Key Skills

Business Intelligence: Power BI, Tableau, DAX, Data Modeling

Programming: Python (Pandas, NumPy), Bash, R, SQL Server

Analytics: Excel (VBA, Power Pivot), Statistical Analysis, Predictive Models

Data Functions: Data Cleaning, EDA, Forecasting, Dashboard Design

Cloud & DevOps: AWS (EC2, S3), Docker, GitHub Actions, Linux

Soft Skills: Communication, Project Management, Research

Professional Experience

Data Scientist (Part-time) | JOMACS Tech Academy (Canada) | 2024 - Present

- Built full-stack CRM opportunity tracking system with React, PostgreSQL, and Python forecasting logic
- Developed Power BI dashboards analyzing 25+ variables for workforce analytics and strategic HR decisions

Grocery Associate (Part-time) | Wolt Market Center – Oslo, Norway | 2024 - Present

- Handled live inventory and contributed to logistics workflow optimization
- Ensured accurate reporting and strong customer service in fast-paced environment

Forecasting Intern | ALO7 Education – Ningbo, China | 2020 - 2021

- Delivered Tableau visualizations revealing pricing optimization opportunities from 80+ Airbnb listing attributes
- Designed Excel License Forecasting Model

Projects

Power BI Career Trends Dashboard

- Analyzed 25+ survey variables on salary, satisfaction, and job mobility

- Built dynamic Power BI visuals for regional career insights

CRM Opportunity Tracker (Full-stack Simulation)

- Designed CRM lifecycle tool with React, Python, PostgreSQL, and Vercel
- Built forecasting logic for win-rate analysis and renewal tracking

License Forecasting Model (Excel)

- Automated 70% of manual licensing work using pivot dashboards & VBA
- Modeled cost-per-user trends and optimized renewal timelines

Tableau Airbnb Listing Analytics

- Analyzed 80+ variables across location, reviews, pricing, and occupancy risk
- Delivered insights into seasonal pricing and host engagement trends

SQL Data Cleaning Projects

- Cleaned datasets (COVID, housing, career data) using joins, CTEs, window functions
- Standardized raw data for dashboard use and BI reporting
- Created SQL ETL pipelines processing multi-country datasets for comparative analysis and trend identification

Education

MSc - International Relations | Norwegian University of Life Sciences, (2022-2024)

- Coursework: R Programming, Research Methods, Global Political Economy

MSc - Educational Technology | Huzhou University, China (2019-2022)

- Focus: Deep Learning, NLP, Computer Vision in EdTech

BSc - Educational Technology | University of Education, Ghana (2014-2018)

- Coursework: Python, ICT in Education, Educational Systems

Key Certifications

- Power BI Essential Training – LinkedIn Learning (2024)
- Data Analysis with Python (Business Focus) – Coursera (2025)
- AWS Cloud Essentials – AWS & DeepLearning.AI (2025)
- Certified Data Scientist – W3Schools (2024)
- Agile Project Management – Atlassian (2025)
- Excel + GenAI for Business – LinkedIn (2022)

Domain Strengths

- Business Intelligence Reporting & Dashboarding
- Data Cleaning, Analysis & Visualization
- Cloud Integration for Data Analytics Workflows
- Basic NLP & Computer Vision in Education Context
- Research: 3 peer-reviewed publications in education & innovation