

# Nathaniel Obafemi

## Data / Business Analyst

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### 👤 PROFILE

Collaborated on diverse initiatives, including analyzing automotive data, managing financial data for banks, implementing carbon reduction strategies, and assessing land-use changes and biodiversity impact. Through these projects, Demonstrated data analysis, modeling, and visualization expertise, delivering valuable insights and driving positive outcomes for organizations. Optimized business processes, reducing costs, and driving revenue growth through data-driven decision-making. Managed a 5-member cross-functional (product, engineering, sales, support) team and coordinated with six business partners toward the successful launch of an e-commerce platform.

### 🎓 EDUCATION

<b>Masters Data Engineering, IOAlytics</b>	Jul 2023 – present United Kingdom
<b>Master Data Science   Analysis, Masterschool</b>	Oct 2022 – Sep 2023 New York, USA
<b>MA Environmental Science(Data Modelling), University of Venice</b>	Oct 2018 – Mar 2022 Venezia, Italy

### 👜 PROFESSIONAL EXPERIENCE

<b>Business   Data Analyst, Masterschool</b> <ul style="list-style-type: none"><li>Designed and adopted data-driven strategies, resulting in a 15% increase in sales revenue and a 10% improvement in customer satisfaction.</li><li>Collaborated with cross-functional teams to streamline processes, reducing operational costs by 20% and increasing overall efficiency.</li></ul>	Jan 2023 – present New York, USA
<b>Environmental Data Science Intern, University of Cadiz</b> <ul style="list-style-type: none"><li>Conducted statistical analysis on 80% of environmental data to identify patterns and trends, resulting in an improved understanding of the local ecosystem.</li><li>Facilitated quality control and assurance processes for data collection and analysis, improving data reliability by 60%.</li></ul>	Jan 2022 – Jun 2022 Cadiz, Spain
<b>Data Analysis, Artiq UK Ltd</b> <ul style="list-style-type: none"><li>Built a Tableau dashboard to visualize core business KPIs (e.g. Monthly Recurring Revenue), saving 13 hours per week of manual reporting work.</li><li>Deployed SQL for testing reports and ETL load jobs, optimizing data processing and reducing errors by 15%.</li><li>Developed and maintained reports, dashboards, and visualizations to drive data-driven decision-making, resulting in a 20% improvement in operational efficiency.</li></ul>	Dec 2016 – Aug 2019 UK
<b>Data Analyst, Fan Milk Plc</b> <ul style="list-style-type: none"><li>Provided accurate and timely laboratory analysis of samples, including water, soil, and air quality parameters, and characterization of hazardous waste materials, resulting in a 95% accuracy rate.</li><li>Developed and implemented a new laboratory process that resulted in a 30% reduction in laboratory analysis time and a 20% reduction in laboratory costs.</li><li>Conducted field investigations to support a project which resulted in a 50% reduction of contaminants in soil and water.</li></ul>	Feb 2015 – Nov 2016 Nigeria

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## PROJECTS

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### INFINITY AUTOMOTIVE DATA ANALYSIS

Jan 2023 – Jan 2023

- Ingested and interpreted CSV files of over 1 million rows over into a MySQL database, and performed analyses using SQL and Python.
- Employed Tableau for plotting trends and creating charts (pie charts, bar charts) for demographic breakdown, and downtime hours.

### Extraction Transform Load Process for Bank Market Cap Data

Jul 2021 – Dec 2021

- Demonstrated expertise in managing financial data, including market trends, stock prices, and financial statements.
- Managed thorough analysis and provided actionable insights to senior management, contributing to a 15% increase in revenue and a 10% improvement in cost efficiency.

### Carbon Reduction and Sustainability Strategy for a Large Infrastructure Project

Apr 2021 – Oct 2021

- Executed and established a robust carbon reduction strategy, resulting in a 30% decrease in carbon emissions for a large infrastructure project.
- Implemented Power BI dashboards with sustainability metrics, driving informed decisions and reducing carbon emissions by 15% and waste generation by 10%.

### ANALYSIS OF LAND-USE CHANGE AND ITS IMPACT ON BIODIVERSITY IN A PROTECTED AREA

Oct 2019 – Feb 2020

- Processed and analyzed satellite imagery and land-use data using Python and QGIS, improving efficiency and ensuring accurate results by 98%.
- Facilitated writing reports and presenting land-use and biodiversity analysis results to stakeholders, resulting in the successful implementation of 2 policy recommendations.

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## SKILLS

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SQL sever | Extraction Transform Load | Python | Tableau | Excel | React | Database Management

Data warehousing | A/B testing | Business Analysis | Big Data | Data Warehousing

Analytical and Problem-solving | Time Management | Machine Learning | Extraction Transform Load | Javascript

Product Analysis | Performance Evaluation | Business Performance Monitoring | Cross-functional Collaboration

Strategic Forecasting | Presentation Skills | Process Management | Power BI

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## LANGUAGES

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• English

• Spanish

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## REFERENCES

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**Oluwatumbi Joseph**, Artiq UK Ltd  
tumbi@artiq.co

**Sokratis Papaspyrou**, University of Cadiz, Spain  
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**Margarita Vaquer Melo**, Masterschool New York  
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