NOURIA BELLAMRI

Aspiring Data Analyst

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SUMMARY

ICT Master's student at UniSC with a passion for data-driven problem solving and a solid foundation in automation, data analytics, and machine learning. Seeking an internship opportunity to apply and expand my skills in a real-world setting, contribute to innovative projects, and support my dissertation with practical experience.

EDUCATION

Master of Information and Communication Technology

University of the Sunshine Coast, QLD, Australia
Feb 2024 – Oct 2025

Master in Automation of Industrial Processes (Automatic Control)

M'HAMED BOUGARA UNIVERSITY, Algeria (2019 – 2021)

Bachelor in Automation of Industrial Processes (Automatic Control)

M'HAMED BOUGARA UNIVERSITY, Algeria (2016 – 2019)

SKILLS

- Programming Languages: Python, SQL
- Data Analytics: Excel, Google Sheets, EDA, Linear Regression, Data Cleaning
- Data Visualisation: Excel Dashboards, Power BI, Tableau, Matplotlib
- Databases: MySQL, MongoDB, Normalisation, ER Diagrams
- Tools: Jupyter, Git, JSON, Unit Testing, VS Code, MS Office
- Languages: English (IELTS 7), French (Advanced), Arabic (Fluent), Thamazight (Native)

CERTIFICATIONS

- IT Specialist – Python, Certiport/Pearson (2025)
- Microsoft Certified: Security, Compliance & Identity Fundamentals (Mar 2024)
- Microsoft Certified: Power Platform Fundamentals (Aug 2024)
- Microsoft Certified: AI Fundamentals (2025)
- Microsoft Certified: Azure Data Fundamentals (2025)
- MentorMe Program Graduate, Cisco (2024

ACADEMIC PROJECTS

- **HR Analytics Dashboard – Excel Visualisation (Oct 2024)**
  - Built an interactive HR dashboard in Excel visualising salary gaps, hiring trends, and diversity.
  - Applied Cognitive Load Theory and Gestalt Principles to improve clarity.
  - Recommended equitable policies based on insights from data.
- **Expense Tracker System – Python + Unit Testing (Sep 2024)**
  - Designed a full-featured budgeting app with authentication, budgeting, and reporting using Python and JSON.
  - Applied unit testing to validate functions like login, add, update, delete.
- **Electricity Consumption Prediction – Regression Modeling (2025)**
  - Used Linear, Ridge, and Lasso regression models to predict monthly electricity usage.
  - Performed full-cycle data cleaning, transformation, and model evaluation.
- **Gamified Learning System – NoSQL-Based Design (2025)**
  - Designed collections in MongoDB for a learning platform with leaderboards and achievements.
  - Developed document structure and custom queries to manage and retrieve activity and performance data.
- **Sales Performance Dashboard – Power BI (Self-Directed Project, 2025)**
  - Cleaned and transformed sales data by handling missing values, filtering outliers, converting date types, and standardising categorical fields.
  - Built a comprehensive Power BI dashboard to analyse sales by region, category, customer, and delivery time.
  - Visualised insights using maps, treemaps, line charts, scatter plots, and KPIs.
  - Provided insights into fulfillment performance and profitability metrics.

PROFESSIONAL EXPERIENCE

- **Private Tutor (Jan 2022 – Oct 2023)**
  - Delivered personalised tutoring in mathematics and science, strengthening logical thinking and problem-solving abilities.
  - Developed structured lesson plans, demonstrating data organisation and analytical skills.
- **Intern – Instrumentation Services, Sonatrach, Algeria (May – Jun 2021)**
  - Collected and analysed instrumentation data to assess system efficiency and compliance.
  - Assisted with calibration reports, aligning automation system performance with operational standards.
- **Intern – Production Department, Sonatrach, Algeria (Jan – Jul 2019)**
  - Analysed automated system outputs to support production optimisation.
  - Participated in data logging and monitoring processes, building foundational experience in industrial data handling.