

Abdellah Sbai Atta Allah

Computer Science Student – Specializing in Data Analytics

Data Analytics student with hands-on experience in Python, SQL, and Power BI for data visualization, machine learning, and statistical analysis. Skilled in data cleaning, transformation, and automation using Python libraries (Pandas, NumPy, Scikit-learn). Experienced in ETL pipelines, dashboard development, and predictive modeling. Passionate about transforming data into insights that drive strategic decisions.



Personal Info

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Activities & Awards

Freelance – Data Analytics & Web Development Projects:

Participant – Data Analytics Hackathon:
Member – APU Data Science Club

Technical Skills

Programming Languages: Python, R, SQL, Java, C++, HTML, CSS, C/C++/C++, JavaScript

Data Analytics & Visualization: Power BI, Tableau, Excel, Matplotlib, Seaborn, SAS Studio, SAS Viya

Machine Learning & Statistics: Scikit-learn, Regression, Classification, Clustering, A/B Testing, Ti

Database Management: MySQL, PostgreSQL, SQLite, Microsoft SQL Server

Tools & Frameworks: Git, VS Code, Jupyter Notebook, PyCharm, Linux (Ubuntu), Agile/Scrum

others: Analytical Thinking, Data Storytelling, Problem-Solving, Communication, Collaboration
Soft Skills: Self-Motivated, Open-Minded, Detail-Oriented, Resilient, Curious Mindset, Passionate About Continuous Learning, Positive Attitude, Adaptability, Strong Sense of Responsibility, Creative Thinker, Team Player

Languages

English (Native) - A2
French (B1)
Arabic (Native)

Hobbies

- Playing chess and solving logic puzzles
- Photography and travel journaling
- Watching sunsets and exploring new places
- Swimming and outdoor activities

Work History

09/2024
- 02/2025

Audensiel (île, France) – Data Analyst Intern

- Collected, structured, and cleaned heterogeneous datasets from helicopter maintenance, performance, and sensor systems to ensure data quality and accuracy.
- Conducted statistical analysis and time-series modeling to identify operational inefficiencies and performance trends.
- Developed interactive dashboards and analytical reports in Power BI and Spotfire to communicate insights across engineering, operations, and management teams.
- Collaborated with cross-functional teams (Data & Analytics, Engineering, Operations) to implement predictive maintenance and process optimization solutions.

Tech Utilized: Python | R | SQL | Power BI | Excel | Spotfire | Foundry

06/2023
- 11/2023

Bp Malaysia (Kuala Lumpur, Malaysia) – Data and AI Intern

- Collaborated with data scientists, engineers, and business analysts to analyze large-scale datasets and deliver data-driven insights improving performance and cost efficiency.
- Built and deployed machine learning pipelines for predictive and prescriptive analytics using Python, SQL, and statistical modeling.
- Designed and implemented exploratory data analyses (EDA) and data visualization dashboards to support safety and operational decisions.
- Applied data storytelling, Git version control, and Agile/Scrum collaboration to align analytical outputs with business transformation goals.

Tech Utilized: Python | SQL | Power BI | Git | Agile | Machine Learning | Data Modelling

06/2022
- 09/2022

AXA Assurance Maroc (Rabat, Morocco) – Data Analyst Intern

- Collected, cleaned, and structured client and policy datasets to ensure data consistency and accuracy across reporting systems.
- Performed insurance and claims data analysis to identify trends and generate actionable business insights.
- Created KPI dashboards and visual reports using Power BI and Excel for management decision support.
- Collaborated with finance and operations teams to provide data-backed recommendations and process improvements.

Tech Utilized: SQL | Excel | Power BI

Education

2024 - present

Asia Pacific University, (Kuala Lumpur, Malaysia)

BSc (Hons) in Computer Science with a specialism in Data Analytics

Machine Learning, Data Mining, Big Data Analytics, Statistical Modeling, Database Systems, Business Intelligence, Data Structure, Programming Languages.

2024 - present

De Montfort University, (Leicester, UK)

BSc (Hons) in Computer Science with a specialism in Data Analytics

Machine Learning, Data Mining, Big Data Analytics, Statistical Modeling, Database Systems, Business Intelligence, Data Structure, Programming Languages.

Projects

Global Retail Analytics Dashboard | Python, SQL, Power BI

- Developed an interactive BI dashboard analyzing global retail sales, profits, and inventory using Python (Pandas) and SQL for data modeling.

Customer Segmentation & Churn Analysis | Python, Power BI

- Applied K-Means clustering and Logistic Regression to segment customers, predict churn, and visualize insights through Power BI dashboards.

Real-Time Business Insights System | Python, SQL, Power BI

- Built an automated real-time analytics system integrating API data with SQL and Power BI to track logistics and sales KPIs.