

ABDELLAH SBAI

DATA ANALYTICS SPECIALIST: PYTHON, SQL, POWER BI

Student in data analytics with strong proficiency in Python, SQL, and Power BI for data visualisation, machine learning, and statistical analysis. Skilled in data cleaning, modelling, and automation, as well as building dashboards that transform data into strategic insights.



PERSONAL INFO

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WORK EXPERIENCE

- **Data Analyst & CS Intern - MSS CONSEIL (Île-de-France, France)** 01/2026 - 04/2026
Architected CRM web app features including advanced filtering and search, backed by structured SQL databases. Developed automated reporting pipelines in Python/SQL and strategic Power BI dashboards for operational decision-making.
- **Data Analyst Intern - Audensiel (Île-de-France, France)** 09/2024 - 02/2025
Constructed optimized datasets for reporting through multi-source consolidation. Engineered statistical models in Python/R to drive strategic decisions and developed interactive Power BI/SQL dashboards for stakeholder self-service.
- **Data & AI Intern - BP Malaysia (Kuala Lumpur, Malaysia)** 06/2023 - 11/2023
Translated business requirements into actionable KPIs. Built end-to-end ML pipelines (ETL, feature engineering) using Python and SQL, delivering strategic Power BI analytics to monitor performance trends.
- **Data Analyst Intern - AXA Assurance (Rabat, Morocco)** 06/2022 - 09/2022
Optimised data integrity through rigorous validation of customer datasets. Designed automated KPI dashboards in Power BI/Excel and streamlined reporting workflows by optimizing high-performance SQL queries.

WORK EXPERIENCE

- **Car Resale Price Analysis (SAS Studio)** – Exploratory analysis + preprocessing of used-car resale data to identify key pricing drivers using SAS (PROC SQL/IMPORT/SORT/CONTENTS).
- **Automated Purchase Order Management System (Java Swing)** – Role-based desktop app that automates the procurement workflow (PR→PO→approval→reports) using Java OOP, Swing GUI, file persistence, UML.
- **KPI Dashboard Pack (SQL + Power BI)** – Built a star-schema model and DAX measures to deliver interactive KPI dashboards (drill-downs, filters, trend views) from SQL data. (Tech: SQL, Power BI, DAX, Data Modeling)
- **Automated Reporting Pipeline (Python + SQL)** – Automated data cleaning + KPI computation and exported scheduled reporting datasets for dashboards/analysis. (Tech: Python, Pandas, SQL, Data Validation, Automation)

EDUCATION

Asia Pacific University of Technology & Innovation (APU), Kuala Lumpur, Malaysia

BSc (Hons) Computer Science (Data Analytics) - Mar 2024 - Present

Relevant coursework: SQL & Advanced Database Systems • Data Mining & Predictive Modelling • Probability & Statistical Modelling • Machine Learning & Deep Learning • Text Analytics & Sentiment Analysis • Data Visualization (Power BI) • Web Application Development • Python Programming

TECHNICAL SKILLS

Python, SQL, Power BI | Data Analysis & Visualization | Machine Learning | Databases (MySQL, PostgreSQL)
Predictive Modelling, Data Cleaning, ETL | Tableau, Excel | Scikit-learn, Data Storytelling

HOBBIES

- Reading
- Running, Cycling
- Swimming
- Cooking
- Music