

Skills

- SQL (SQL Server, MySQL, PostgreSQL)
- Python (Pandas, NumPy, Scikit-learn, Matplotlib...)
- Tableau , JasperSoft, Microsoft Power BI
- ETL (Data Warehouse and datamining)
- Web Scraping & Automation (BeautifulSoup, Scrapy, Selenium)

Projects

DATA SCIENCE JOB MARKET EDA – Personal Project –

April 2025

- Utilized **Python** to analyze 7000 data science job listings and gain insights on what it takes to land a job in analytics
- Implemented **Regex** techniques to comb through the job descriptions and identified the key requirements
- Aggregated and visualized the data by using **pandas, matplotlib** to compile a professional report

BENEFIT PACKAGE BENCHMARKING DASHBOARD – Virtual Client's Project –

November 2025

- Created a dashboard with **Power Bi** to help client compare between different employee benefit packages
- Transformed and processed client's data by using DAX and Excel to ensure data completeness and validity
- Provided technical insights on how the client can fully utilize their data by introducing different technologies
- Consulted with client to determine the best metrics to be displayed on final product

SENTIMENT ANALYSIS ON TWEETS – Personal Project –

December 2024

- Utilized **R Studio** to perform sentiment analysis on 14,000 tweeter reviews of six major airlines
- Performed data cleaning and text analysis to successfully identified the major complaints for each airline
- Applied regression and machine learning to produce a final model with an accuracy of 88% and lift of 34%

CUSTOMER SALES ANALYSIS – Personal Project –

November 2024

- Utilized **SQL** to extract data from 8 different related tables from customer sales databases using **JOIN** and **VIEW**
- Transformed and filtered data by using aggregating and filtering function to improve reporting process
- Loaded and visualized data with **Python** to identify key business intelligences that can improve sales performance

Work Experience

MAROCCAN ROYAL NAVY – Casablanca

August 2020 - February 2023

- Gained expertise in installing, maintaining, and troubleshooting electrical systems on warships, ensuring operational safety and efficiency.
- Developed strong problem-solving skills and the ability to work under high-pressure conditions.
- Acquired experience with marine electrical standards and advanced power distribution systems.

Education

- Elementary Certificate in Warship Electrical Systems from the maroccan Royal Navy. June 2022
- University Diploma of Technology in Business Intelligence from EST Fez. June 2020
- High School Ibnou Rochd, Fez, Baccalaureate in Life and Earth Sciences. June 2018