

HADIL SAHRAOUI

DATA ANALYST

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OBJECTIVE

Recent Data Analyst graduate seeking a full-time Entry Level Data Analyst role

SKILLS

Programming	Python (Pandas, NumPy, Scikit-learn), SQL, Shell scripting
Data Engineering & Pipelines	Databricks, Airflow, SSIS,ETL/ELT Pipeline Design
Databases & Storage	SQL Server, Snowflake, MySQL, PostgreSQL, Hive, MongoDB
ML & DL Techniques	Classification, Regression, Clustering,CNN,TensorFlow, Keras
Data Analysis Tools	NumPy, SciPy, Seaborn, Matplotlib,Excel, Power BI, Tableau
Analytics & Visualization	Power BI, Tableau, Matplotlib, Seaborn, Excel, KPI Dashboards
Soft Skills	Analytical Thinking, Problem-Solving, Communication, Collaboration

EXPERIENCE

Data Scientist Intern Orange Tunisia	Feb 2025 - Aug 2025 <i>Tunis, Tunisia</i>
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- Built churn prediction model with 90% recall and performed customer segmentation using K-Means clustering, achieving a Silhouette Score of 0.85.
- Leveraged Qwen 2.5 LLMs with advanced prompt engineering to generate personalized marketing content.
- Deployed a Django web application with real-time predictions, secure authentication, and Docker containerization for scalability.

Data Scientist Intern ATB (Arab Tunisian Bank)	Aug 2024 - Sep 2024 <i>Tunis, Tunisia</i>
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- Built an OCR-based cheque autocorrection system using KNN and NLP to detect and correct mismatches between digits and words, achieving 92% accuracy.
- Developed and deployed a Django web application with Power BI dashboards for real-time monitoring, reporting, and improved cheque validation efficiency.

Data Analyst Intern Artibedded	Sep 2023 - Dec 2023 <i>Tunis, Tunisia</i>
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- Collected and processed data from web scraping and LLM-driven pipelines, performing data cleaning, preprocessing, and feature engineering for analysis.
- Conducted exploratory data analysis (EDA) and created visualizations using Python (Matplotlib, Seaborn) and Power BI dashboards to derive actionable insights.

EDUCATION

Engineering Degree in Data Sciences , National School of Electronics and Telecommunications ML,DL, NLP, Big Data, Data Visualization, Decision Systems, Data Analysis, Data Analysis, SQL, Statistics	Sep 2025
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Preparatory Cycle for Engineering Studies , Preparatory Institute of El-Manar	2020 - 2022
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PROJECTS

Coffee Bean Sales Analysis Processed and merged sales data, creating calculated fields and performing advanced data cleaning. Developed interactive dashboards and Pivot Tables to analyze orders, customer behavior, and product performance for actionable insights.

Bordeaux Events Analysis Collected, cleaned, and structured event data from multiple sources. Performed data enrichment, categorization, and exploratory analysis to uncover trends in event types, venues, and schedules. Visualized key insights with interactive charts

London Bike Sharing Analysis Preprocessed Kaggle bike share data, handling missing values, outliers, and category mapping. Designed an interactive Tableau dashboard highlighting ridership trends, seasonal patterns, peak hours, and weather impacts.

Laptops Product Sales Analysis Implemented ETL processes to clean and structure sales data in SQL Server. Created Power BI dashboards with KPIs, charts, and slicers to track revenue, profit, and sales trends for executive decision-making.