Wiem JOUINI

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Skills

Programming Languages : Python, SQL/PLSQL, C, Java, PHP, JavaScript, HTML/CSS

Data Science and Business Intelligence : Machine Learning, Deep Learning, Data Mining, Natural Language Processing (NLP), Statistical Modeling, Data Analysis, Power BI, Dashboard Development, Data Visualization

Tools and Technical Environment : Docker, Microsoft Office (Advanced Excel, PowerPoint)

Project Management and Professional Skills : IT Project Management, Analytical Thinking, Problem-Solving, Teamwork, Creativity

Communication : English (Fluent), french (Fluent), Arabic (Native)

Professional Experience

Part-Time University Instructor – Department of Computer Science   September 2025 - present
Faculty of Legal, Economic and Management Sciences of Jendouba

Internship – Northern Dairy Company   February 2022 -May 2022
Developed a decision-support and predictive analytics tool for sales monitoring, customer behavior analysis, and order tracking optimization.

Internship – National Agricultural Bank   July 2020 -September 2020
Participated in daily banking operations, including account management, fund transfers, withdrawals, direct debit management, and foreign exchange transactions.

Academic Projects

Decision-Support and Predictive Analytics Tool
Deployed a Docker-based platform integrating ETL, developed interactive dashboards using Apache Superset, and applied machine learning models to analyze customer behavior and predict financial performance.

RoBERTa-BiLSTM-Attention-Classifier
Developed a sentiment analysis model combining Deep Learning (BiLSTM, multi-head self-attention), Transfer Learning (RoBERTa), and machine learning (SVM) for text classification and predictive insights.

Education

Doctorate in Artificial Intelligence – 1st Year   December 2025 - Present
Tunis Higher Institute of Management (SMART Lab- ISG Tunis)

Master of Research in Intelligent Decision Making Strategies   2022 - 2024
Tunis Higher Institute of Management of Tunis (ISG Tunis)

Bachelor's Degree in Business Computing – Specialization in Business Intelligence   2019 - 2022
Faculty of Legal, Economic and Management Sciences of Jendouba (FSJEGJ)

High School degree in Mathematics   2018 - 2019

Certificates

Emerging Trends and Research Directions in Computer Science	2021
Negotiation Techniques	2021
Your weapons to conquer the job market	2021
Fundamentals of Internet Marketing	2020
Digital Marketing	2020