LEILA SKOURI DATA SCIENCE STUDENT

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SKILLS

Programming Languages and frameworks:
- Python, Java, C, C#, R, HTML,CSS,TypeScript.
- SpringBoot, .Net, Flask.

Big Data and Analytics :
- SQL, POSTEGRE SQL, SSIS, ETL, Microsoft Azure, Microsoft Power BI, Matpolotlib.

Machine Learning and Data Science:
- Python, Keras, Pandas, NumPy, Scikitlearn, Scipy, Jupyter Notebook.

EDUCATION

- **Esprit School Of Engineering**
  Bachelor of Engineering in Computer Science.

  Tunisia
  2022-2025

- **Preparatory Institute for Engineering Studies**
  Preparatory Cycle Of Engineering Studies.

  Nabeul & Manar , Tunisia
  2020-2022

PROJECTS

- **Continuous Integration and Deployment with Spring, Angular, and Docker (Ongoing Project)**
  – Developping a DevOps pipeline with Jenkins, Maven, SonarQube, and Docker for automated builds and deployments.
  – Using Docker Compose for continuous delivery and integrated Grafana and Prometheus for monitoring.
  – Exploring Terraform and Ansible for infrastructure automation and transitioning to microservices.

- **Content-Based Recommender System for Project Risk Management (Ongoing Project)**
  – Developing a content-based recommender system using NLP to extract and structure Project Risk Management data.
  – Building a conceptual graph for personalized risk management recommendations aligned with PMBOK.
  – Creating an interactive web application that provides insights and decision support for risk mitigation through a user-friendly interface.

- **Forecasting System for Inventory Management | Petrogas Systems International | Tunisia**
  – Worked on order prediction and customer segmentation using artificial neural networks.
  – Predicted demand quantities using the FeedForward Neural Network and YOLO for object detection.
  – Followed the Team Data Science Process (TDSP) methodology.

- **Intrusion Detection system :**
  – Implemented Intrusion Detection System (IDS) with Anomaly Detection techniques.
  – Utilized Gaussian Mixture Models (GMMs) for anomaly detection.
  – Achieved high accuracy on NSL dataset using Decision Tree and KNN algorithms.

EXPERIENCE

- <u>**Engineering Internship:**</u>
  Advanced Customer Segmentation in Dynamics 365 Sales
  – Implemented Affinity Propagation, CURE, and OPTICS clustering to segment customers from Dynamics 365 Sales.
  – Extracted and preprocessed customer data using SSIS and Visual Studio for analysis.
  – Integrated the model into Power BI and deployed it on a website for visualizing customer segments and marketing insights.

  AMC ERNST & YOUNG Tunisia - EY
  June-August | 2024

- <u>**Immersion Internship :**</u>
  Dashboard BI to Analyse Customer Insights
  – Handled some issues related to the UIB mobile .
  – Analyze customer transaction data, identify trends, and generate reports for business insights.

  Union Internationale de Banque Tunisia -UIB
  June-July | 2023

CERTIFICATIONS

- Machine Learning with Python -**IBM**
- Neural Network and Deep learning - **DeepLearning.AI**
- Power BI Data Analyst Professional Certificate-**Microsoft**
- **Microsoft Azure Fundamentals AZ-900 Exam Prep - Microsoft**
- Programming in Python - **Meta**
- Data Science Associate (DP-100) Professional Certificate - **Microsoft Azure**
- Back-End developper Professional Certificate - **Meta**

LANGUAGES

- Arabic , French , English.