

Mohamed Khayredine Gabsi

Data Scientist

Tunis, Tunisia

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🌐 KhayredineG

Technical Skills

Programming Languages: Python (Advanced), JavaScript (Intermediate), SQL/MySQL (Advanced), C (Intermediate)

Data Science & ML: NumPy, Pandas, Matplotlib, Scikit-learn, Statistical Analysis, Machine Learning

Data Visualization: Power BI, Matplotlib, Data Dashboards, Business Intelligence

Web Technologies: React.js, Next.js, CSS, Tailwind CSS, Chakra UI

Databases & Tools: PostgreSQL, MySQL, Git/GitHub, Appwrite

Languages: Arabic (Native), English (C2), French (B2)

Education

Faculté des sciences de Tunis Manar (FST)

Bachelor's in Information Technology

Tunis, Tunisia

2022–2025

Professional Experience

Salakta Fiber Optics Solutions

Data Analyst & Next.js Developer, End of Studies Internship

Tunis, Tunisia

Jan 2025–May 2025

- Developed dynamic HR management solution for tracking fiber optic installation technicians
- **Created Python-based analytics** to analyze technician productivity trends and identify workflow optimization opportunities
- Built responsive web application using **Next.js, Tailwind CSS, and Appwrite**
- Implemented data visualization dashboards for management decision-making

CIN Group

Data Analyst

Tunis, Tunisia

Sep 2022–Jan 2023

- Conducted comprehensive **financial landscape analysis in Tunisia** as part of investment platform development team
- Utilized **Python and Power BI** to create engaging presentations with actionable company insights
- Developed data visualization solutions for complex financial datasets
- Collaborated on full-stack investment platform using React.js and modern web technologies

SIBTEL

Cyber Security Practitioner

Tunis, Tunisia

Jul 2024–Aug 2024

- Designed comprehensive information security awareness program
- Analyzed security data and created risk assessment reports
- Implemented data-driven security protocols and procedures

AJICO Group Agency

Freelance UI/UX Designer

Tunis, Tunisia

Jan 2023–Feb 2023

- Designed visual assets for Japanese New Year event at Jardin Japonais Montplaisir
- Created data-informed design solutions using Figma
- Delivered culturally appropriate and visually compelling designs

Smart Kokusai

Junior Web Developer, Internship

Tunis, Tunisia

Jul 2022–Aug 2022

- Developed responsive web applications using **React.js, CSS, and Chakra UI**
- Worked with **PostgreSQL** for database integration and data management
- Gained experience in full-stack development and data handling

Data Science Projects

Salakta Fiber Optics Solutions <i>Technician Productivity Analytics</i>	2025
<ul style="list-style-type: none">○ Designed and implemented Python-based analytics system for workforce optimization○ Created predictive models to identify productivity patterns and bottlenecks○ Developed automated reporting system for management insights○ Applied statistical analysis to improve operational efficiency by 15%	
Personal Project <i>Sales Data Analysis</i>	2024
<ul style="list-style-type: none">○ Analyzed company's historical sales data to identify trends, seasonality, and growth opportunities○ Utilized Python, NumPy, Matplotlib, and Scikit-learn for comprehensive data analysis○ Implemented statistical models to forecast sales performance and market trends○ Created interactive visualizations to communicate insights to stakeholders	
Personal Project <i>MovieMind - Recommendation System</i>	2023
<ul style="list-style-type: none">○ Built elegant movie recommendation system using machine learning algorithms○ Implemented collaborative filtering and content-based recommendation techniques○ Developed full-stack application using React.js and Express.js○ Applied data science principles to create personalized user experiences	
Personal Project <i>Tweepy Pull - Social Media Analytics</i>	2024
<ul style="list-style-type: none">○ Developed Python application leveraging Tweepy API for Twitter data extraction○ Implemented data mining techniques for social media sentiment analysis○ Created automated data collection pipelines for real-time social media monitoring	

Core Competencies

Data Analysis: Statistical Analysis, Exploratory Data Analysis, Data Mining, Pattern Recognition

Machine Learning: Supervised Learning, Unsupervised Learning, Model Evaluation, Feature Engineering

Data Visualization: Dashboard Creation, Business Intelligence, Interactive Charts, Storytelling with Data

Programming: Python Development, Database Management, API Integration, Version Control

Business Skills: Problem Solving, Project Management, Cross-functional Collaboration, Stakeholder Communication

Additional Information

Strengths: Strong analytical thinking, continuous learning mindset, multilingual communication

Interests: Machine Learning, Financial Analytics, Data-driven Decision Making, Open Source Contributions