



Gisèle Aydi

Data Analyst

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Gizele Aydi

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PROFILE

Bachelor of Business Administration student in Information Technology with a Minor in Business Analytics. Specialized in data analysis, decision-making frameworks, and programming tools. Enthusiastic about solving various problems through data-driven insights and excited to provide value during a summer internship by devising relevant solutions.

EDUCATION

Tunis Business School, Bachelor of Science in Business Administration

- Majoring in IT, Minor in Business Analytics.

present

El Mourouj, Tunisia

Lycée Pilote Kairouan, Baccalaureate in Mathematics

- Graduated with high honors.

Kairouan, Tunisia

SKILLS

Data Manipulation & Analysis

Pandas, NumPy, Excel

Programming languages

Python, R, Java, Kotlin, C

Data Visualization

Matplotlib, Power BI, Tableau

Full-Stack Development

HTML, CSS, JS, React, Flask, FastAPI, Spring

DBMS

MySQL, MongoDB, SQLite, PostgreSQL

Testing & CI/CD

Postman, Docker, Git, GitHub

Machine Learning & AI

Python, TensorFlow, HuggingFace

CERTIFICATES

Introduction to AI: offered by the University of Helsinki | **Power BI Meets Fabric:** offered by Pragmatic Works

PROJECTS

Bayesian Network Optimizer with ABC Algorithm,

2025

Python, Pgmpy, Tkinter, ABC Algorithm, Bayesian Networks

Applied the Artificial Bee Colony algorithm to optimize real-world datasets with Python and benchmarked results.

Moodify - AI Mood and Sleep Tracker App, Kotlin, HuggingFace, Groq, Firebase

2025

Developed AI-powered mood journal app in Kotlin using Hugging Face, Firebase for auth/storage, with mood-based task spinner and sleep tracker.

FaceSecure - Web Based MFA System, FastAPI, Python, Deepface, Facenet, Next.js, Neon, SQLAlchemy

2025

Built a web-based MFA system with FastAPI, DeepFace, Facenet, Next.js and bcrypt, combining facial recognition, OWASP-compliant password validation and CAPTCHA validation.

Netflix BI Analysis, Python, Pandas, Matplotlib, MySQL, Power BI

2024

Analyzed Netflix data by *cleaning* with *Pandas*, and *visualizing* with *Matplotlib*. Stored in *MySQL* data warehouse and imported to *Power BI* for *data modeling* and *interactive dashboard visualizations*.

Car Resale Data Analysis Management System, Java, MySQL, JavaFX, Scene Builder

2024

Manages used car resale data, enabling data *upload*, *cleaning*, *processing*, and *analysis* with *visualizations*, and including a *machine learning model* to predict car prices based on user input

Municipal Theater System, Spring, Java, MongoDB

2024

Developed a municipal theater system with *Spring*, enabling user registration, bookings, and event management.

Features include *JWT authentication*, *role-based access*, *OAuth2 login*, and *email confirmation*.

ORGANIZATIONS

Data Science Club, Project Management Member

2022 – 2023

- Partnered with UNESCO on a project addressing the aftermath of COVID on education.
- Designed and conducted surveys on the matter, gathering **120+** responses from teachers in different schools. Analyzed the findings and generated comprehensive reports.

LANGUAGES

Arabic
Native

French
C1

English
C2