



# 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

### Data Visualization

Matplotlib, Power BI, Tableau

### DBMS

MySQL, MongoDB, SQLite, PostgreSQL, Firebase, Neon

### Machine Learning & AI

Python, TensorFlow, HuggingFace, Groq

### Programming languages

Python, R, Java, Kotlin, C

### Full-Stack Development

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

### Testing & CI/CD

Postman, Docker, Git, GitHub

## 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 and Groq, Firebase for auth/storage, with mood-based task spinner and sleep tracker.

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

2025

Built a web-based MFA system with FastAPI, DeepFace, Facenet, bcrypt and Next.js, 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  
B2

English  
C1