GHODHBANI AYMEN

JUNIOR SOFTWARE DEVELOPER

Passionate Junior Software Developer and Data Enthusiast with a strong foundation in Python, SQL, and backend development. Experienced in data analysis and web development. Currently enhancing expertise in data science and web development while exploring AI and cybersecurity. Open to internships and global opportunities.

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Connect On GitHub
Connect On linkedIn

EDUCATION

2025 -
In Process Data Science Career Track
DataCamp

2023-2026
Licence in IoT & Embedded Systems
Higher Institute of Applied Science and Technology of Sousse

2023
Baccalaureate: Experimental Sciences

SKILLS

- **Programming**: Java , Python, C++, C
- **DataBase**: SQL
- **Web** : HTML , CSS, JavaScript(Basic)

Currently Learning: JavaScript, Web Frameworks (Flask/Django)

LANGUAGES

- **English:** Fluent
- **French:** intermediate
- **Arabic:** Native Lang

PROJECTS

NOBEL PRIZE DATA ANALYSIS (PYTHON, PANDAS, SEABORN, DATA VISUALIZATION) *(LINK)*

- Conducted exploratory data analysis on the Nobel Prize dataset to identify trends in gender, nationality, and award categories over time.
- Visualized the proportion of US-born and female laureates across decades, highlighting key shifts.
- Identified the first female Nobel laureate and repeat winners using data filtering techniques.
- Utilized Python libraries (Pandas, NumPy, Seaborn) for data manipulation and visualization.

NYC SCHOOLS SAT ANALYSIS (PYTHON, PANDAS, DATA ANALYSIS, STATISTICS) *(LINK)*

- Analyzed SAT performance across NYC schools, identifying top-performing institutions based on total SAT scores.
- Examined borough-wise variations in SAT scores, determining the borough with the highest standard deviation.
- Identified schools excelling in mathematics, highlighting top-performing institutions.
- Utilized Python (Pandas) for data manipulation and statistical analysis.

NETFLIX MOVIE ANALYSIS (PYTHON, PANDAS, MATPLOTLIB, DATA VISUALIZATION) *(LINK)*

- Analyzed Netflix movie data from the 1990s, filtering films by release year and duration.
- Counted the number of short action movies (under 90 minutes) released during the decade.
- Used histogram visualization to determine the most common movie duration in the 1990s.
- Utilized Python (Pandas, NumPy, Matplotlib) for data processing and visualization.

CRIME DATA ANALYSIS (PYTHON, PANDAS, SEABORN, DATA VISUALIZATION) *(LINK)*

- Conducted in-depth analysis of crime data, identifying peak crime hours and locations with the highest frequency of night-time crimes.
- Grouped victim ages into relevant age categories to explore crime patterns across different age groups.
- Used data visualization to understand crime distribution by hour of the day and victim age group.
- Applied Python libraries (Pandas, NumPy, Seaborn, Matplotlib) for efficient data analysis and visualization.