






# Anis Guechtouli

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## PROFILE

A Passionate Data Science Master's student, holding a Bachelor's degree in Information Systems with 6 months of experience as a Data Analyst in the insurance industry (CAAR). My passion for data-related fields drives me to continuously learn and develop my skills.

## EDUCATION

11/2020 – 07/2023 Algiers, Algeria	<b>Bachelor's degree in Information Systems</b> <i>University Of Algiers 1 - Benyoucef Benkhedda</i>
09/2023 – present Algiers, Algeria	<b>Master's Degree in Data Science</b> <i>University Of Algiers 1 - Benyoucef Benkhedda</i>


## SKILLS

- Proficiency with the Python programming language and its data analysis libraries (**Pandas**, **Plotly**, **Matplotlib**, **Scikit-learn**, **Streamlit**).
- Mastery of the data manipulation language **SQL**.
- Proficiency in data visualization and analysis using **Excel**, **Tableau** and **Power BI**.


## LANGUAGES

- **Arabic**: Native
- **English**: Proficient
- **French**: Intermediate

## EXPERIENCE

02/2023 – 06/2023 Algiers, Algeria	<b>Data Analyst Intern</b> <i>CAAR (Compagnie Algérienne d'Assurance et de Réassurance) </i> <ul style="list-style-type: none"><li>• Developed a user-friendly data analysis dashboard to visualize and analyze several metrics in the automobile industry for an insurance agency.</li><li>• Worked closely with the Vice President of the Automobile branch and the Information Technology team to deliver accurate insights into the agency's performance.</li><li>• Successfully identified significant changes in key metrics over specific periods by visualizing and analyzing the data.</li></ul>
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## PROJECTS

11/2023 – 05/2024	<b>College Machine Learning Projects </b> <b>Email Spam/Not Spam Classification</b> <ul style="list-style-type: none"><li>• Developed a machine learning model to classify emails as either spam or not spam using common algorithms such as KNN, Neural Networks, and SVM.</li></ul> <b>Voice Classification for Different Voices</b> <ul style="list-style-type: none"><li>• Created a voice classification system capable of classifying 5 and 10 distinct voices using Machine learning techniques including KNN, NN, and SVM.</li></ul>
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### **Urdu Spoken Emotion Classification**

- Designed an emotion classification model for spoken Urdu language.
- Trained the model using labeled emotional speech data.
- Achieved over **92%** accuracy.

### **Iris Recognition System**

- Developed an iris recognition system using the SIFT method and OpenCV for feature extraction and comparison.
- Implemented a complete pipeline for preprocessing, feature extraction, and identification, ensuring accurate individual identification.

02/2024 – 06/2024

### **Football Web Scraping**

- Scraped data from the Fbref website using Python, BeautifulSoup and Pandas.
- Extracted data for individual players from 17 professional football leagues.
- Prepared the data for future analysis of various aspects of the players.

07/2024 – 07/2027

### **Exploratory Data Analysis in Retail**

- Conducted comprehensive exploratory data analysis on a retail dataset, identifying key issues like unprofitable products and excessive discounting.
- Created insightful visualizations and a dashboard to effectively communicate findings and support data-driven decision-making.