# Ayouni Ridha
## Data scientist

## My Contact

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in linkedin.com/in/ayouni-ridha/

🖤 26 years old,

📍 Tunisia, Tunis

## Languages

- **Arabic : Native**
- **English : Fluent**
- **Frensh : Advanced**
- **Italien : Notions**

## Expertise Skill

- **Python (Django, Flask)**
- **Git & Github**
- **Keras, TensorFlow ,Scikit Learn**
- **SQL**
- **C#**
- **HTML and CSS**
- **Power BI**
- **Docker**

## Certificate

- **Jira**
- **IBM data Science course**
- **Google data analytics**
- **Clickup**
- **Scrum Master**

## Interests

- **Kaggle Competition**
- **Zindi Competition**
- **Auto-learning**

## About Me

I am passionate about artificial intelligence, industrial systems, and mathematics. I am dedicated to developing my skills in these fields through my studies, research, and personal projects. Motivated and dynamic, I am also adept at working collaboratively in a team.

## Education

- **Preparatory Diploma 2016-2018**

*Preparatory Institute for Engineering Studies PT*

- **Engineer Diploma 2018 - 2022**

*The National School of Engineers of Carthage - Industrial Engineering*

## Professional Experience

### Python Developer （IOT Graphic ) 2022 | Present

- Machine Learning (ML) and Deep Learning (DL).
- Automation Python Script.
- Data Cleaning and Preprocessing.
- Feature Engineering: Feature engineering involves selecting, creating, or transforming variables (features) to improve model performance.

**Tools: Python, SQL, TensorFlow, Scikit-Learn, Jira**

## Graduation inetrnship

### Predictive Maintenance (SATEM ) 2021 | 6 months

Led the implementation of "SATEM," a predictive maintenance system aimed at optimizing equipment performance.

**Tools : Python, SQL , TensorFlow, Scikit Learn ,Power BI**

## Projects

### Build an E coommerce Website

The website displays products. Users can add and remove products to/from their cart while also specifying the quantity of each item.
They can then enter their address and choose Stripe to handle the payment processing.

**Tools : Python,Django,virtualenv ,CSS ,HTML,JS**

### ChatBOt

A dynamic AI chatbot leveraging OpenAI's GPT-3.5 model, trained from diverse sources, and integrated with a user system for social authentication, offering scalability and ease of use through Django REST framework backend.

**Tools : Python,REST API,Django,PostgreSQL,AWS**

### Face Live lines Detection App

"FaceSense" is a real-time face detection project that uses OpenCV and Python to accurately identify human faces in video streams

**Tools : CNN, Python, OpenCV**

### Customer Segmentation

The process typically involves leveraging AI algorithms like clustering, classification, or deep learning-based techniques to identify patterns and similarities within the data.

**Tools : Jupyter,Notebook,Python, K-means or Hierarchical Clustering , tensorFlow,Scikit-learn**

### SalesDash - Power BI Business Analytics

"SalesDash" is a business analytics project developed using Power BI to provide interactive visualizations and data insights for sales performance

**Tools : Power BI,Microsoft Excel,SQL Server,DAX ,Power Query**