

# RAYEN BEN FATHALLAH



IT ENGINEERING STUDENT SPECIALIZED IN DATA SCIENCE

## CONTACT



+21628424681



rayen.benfathallah@etudiant-fst.utm.tn



/rayen-fathallah



/rayenFathallah

## SKILLS

- Python / Javascript / Java
- Data structures and OOP
- Relational and no-sql databases ( SQL, MONGODB)
- BI-tools : Power-BI,Excel
- Cloud services : Aws
- Machine learning and statistical analysis
- Data analysis and interpretation

## EDUCATION

Data science and Engineering

Faculty Of Sciences of Tunis

2020-2025

High School Diploma In mathematics

Bekalta High School

2016-2020

## CERTIFICATIONS

Ai for everyone : Deeplearning.Ai - Coursera

Exploratory data analysis : IBM - Coursera

Supervised learning : IBM - Coursera

## LANGUAGES

English : Fluent

French : Fluent

Arabic : Native

## PROFILE

As an IT engineering student specializing in data science and a business consultant at Optima Junior Enterprise, I bring a passion for innovation and a results-driven mindset. With a keen eye for detail and a dedication to achieving objectives, I am eager to leverage my skills to make a meaningful impact.

## PROFESSIONAL EXPERIENCE

### It consultant

2021 - 2022

Optima Junior Enterprise

- Utilized Vue.js, Laravel, and MySQL to Aggregate Diverse Data Sources, Transform Data for Consistent Storage, and Create Interactive Dashboards.

## ASSOCIATIVE WORK

### Data science unity manager

2022 - present

Engineers Spark - fst

- Contribution In the execution of 4 training sessions: Introduction to data science, Data visualization, data manipulation with pandas, and Python programming.

Skills gained : Matplotlib, scikit-learn, Python

## PROJECTS

### Sales analysis

feb 2023

- Utilized SQL Server and Power BI to develop three dynamic dashboards. These dashboards provided comprehensive insights into sales data, including summaries, customer preferences, and product categories/specifications.

Skills gained : SQL server, Power BI

### Student performance prediction and analysis

March 2023

- Utilized various machine learning techniques with Python to predict the performance of high school students.
- Employed Local and global interpretation techniques with Python to conduct in-depth analysis of the inter-relations among various educational factors for performance prediction.

Skills gained : Classification models, Scikit-learn, LIME method, hypothesis testing

### Global Economic analysis

April 2023 - In progress

- Gained expertise in using Python for data ETL and Power BI for data visualization and analysis, resulting in valuable insights for understanding global economic performance.

Skills gained : Python, Sql server, Power-BI