

# ABDELJALIL EL KHYATI

Tel: 00212708329499 | Email: [elkhyatiabdeljalil@gmail.com](mailto:elkhyatiabdeljalil@gmail.com)

<https://www.linkedin.com/in/abdeljalil-el-khyati/> | <https://github.com/JALILOHUB>

## PROFESSIONAL SUMMARY

A mathematics teacher with 16 years of experience in simplifying complex concepts and fostering analytical skills, now transitioning into the fields of data analytics and data science. Possesses strong skills in transforming complex data into actionable insights, having built a solid foundation in data cleaning, processing, and visualization through professional certifications from **Google**, **IBM**, and **ALX**. Has hands-on experience in analyzing large datasets using **Python** and **SQL**, and is eager to apply both technical skills and educational expertise to support data-driven decision-making.

## TECHNICAL SKILLS

- **Programming Languages:** Python, R, SQL. | **Data Visualization:** Tableau, Power BI, HTML, Chart.js
- **Libraries/Tools:** Pandas, NumPy, Matplotlib, Beautiful Soup, yfinance
- **Databases:** SQLite, MySQL. | **Version Control:** Git, GitHub
- **AI & Automation:** Used AI tools to assist in project ideation, code development, and report drafting.

## PROFESSIONAL EXPERIENCE

- **High School Mathematics Teacher**, 2015 – Present
  - **Locations:** Sidi Bennour (2015-2017), Mohammédia (2017-2020), Laâyoune (2020-Present)
  - **Responsibilities:** Taught mathematics to high school students, developed curricula, graded exams, and led extracurricular activities.
- **Middle School Mathematics Teacher**, 2008 - 2014
  - **Location:** Laâyoune
  - **Responsibilities:** Taught mathematics to middle school students, developed lesson plans, and provided academic support to students.

## EDUCATION & CERTIFICATIONS

- **Fundamental Licence: Bachelor's Degree**, Mathematical Sciences, 2011 - 2012 | Agadir, Morocco
- **Diploma of General University Studies**, Mathematical Sciences, 2004 - 2007 | Agadir, Morocco
- **Baccalaureat**, Mathematical Sciences, 2002 - 2003 | Laâyoune, Morocco
- **Teaching Qualification Diploma**, Mathematics (High School Option), 2014 - 2015 | Kénitra, Morocco
- **Teaching Qualification Certificate**, Collegial Cycle Mathematics, 2007 - 2008 | Safi, Morocco
- **Google Data Analytics Professional Certificate** (Coursera)
- **IBM Data Science Professional Certificate** (Coursera). **Data Science** (ALX Certificate)

## PROJECTS

- **Cyclistic Bike Share Data Analysis:** Analyzed over 5 million bike ride records using **Python** and **SQLite** to identify usage patterns between members and casual riders. The analysis revealed key behavioral trends, providing crucial insights for a targeted marketing strategy. Key findings were visualized on an interactive dashboard using **HTML** and **Chart.js**.
- **Stock Data Analysis (Tesla vs. GameStop):** Explored the relationship between stock prices and company revenue by collecting financial data from multiple sources with **yfinance** and **BeautifulSoup**. The data was then cleaned and processed using **Pandas**, and insightful visualizations were designed with **Matplotlib**, demonstrating the ability to handle financial data and create compelling visual reports.