

BELLA ABDELOUAHAB

DATA ANALYST

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Data Analyst passionate about transforming complex data into actionable business insights. Combining technical expertise in data science with practical project experience across agricultural technology and logistics sectors. Seeking to leverage my analytical skills to drive data-informed decision-making

TECHNICAL SKILLS

Data analysis : Hadoop, Apache Spark, Power Bi, Microsoft Excel, Pentaho, Weka, Statistical Analysis.

Data science : TensorFlow - keras, Azure Platform (ML studio), Machine Learning optimization, YOLO-V8.

Data base : Oracle, MySQL, MongoDB, Fire Base, PostgreSQL, Redis.

PROFESSIONAL EXPERIENCE

Platform for cow data analysis

- AGRI 4.0 in collaboration with Ministry of Agriculture

Establishing an advanced livestock management system through the use of modern technologies, and providing farmers with accurate data to improve their productivity and success.

> [Pentaho](#) • [Spring Boot](#) • [React](#) • [Flutter](#) • [Arduino](#) • [RabbitMQ](#)

Web application for project data management and analysis

- CRJEA - UM6P

Regional Center for Young Agricultural and Agri-Food Entrepreneurs in collaboration with Mohammed VI Polytechnic University

> [Django](#) • [React](#) • [mongodb](#) • [Radius](#) • [Power BI](#) • [Swagger-docs](#)

Data analysis for envelope management

- Post Maroc / end of study internship

> [Microsoft Excel](#) • [JavaFX](#) • [Scene-Builder](#) • [Oracle-Cloud](#) • [pdf-manipulation](#)

Data Tracking and Visualization for Envelope Management

- Post Maroc / end of the year internship

> [Flask](#) • [React](#) • [Oracle](#) • [Microsoft Excel](#)

EDUCATION

École nationale des sciences appliquées de Khouribga

- Master : Big Data & Business Intelligence

Ecole Supérieure de Technologie Essaouira

- Bachelor's degree: Computer Systems & Software Engineering
- DUT : Data Science and Business Intelligence

Lycée Iben soulaiman roudani - Taroudant

- Baccalaureate: Mathematical Sciences option : A

PROJECTS

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- **DDoS Attack Detection** : Spark • Kafka • Docker • Zookeeper • Pyspark • RandomForest
 - **Article recommendation system** : Pentaho • Weka • Selenium • Burp Suite • graph NN
 - **Med-Lab** : a BI solution using (Power Bi • SSMS • Creating Cubes • Xamp • SQL-server
 - **Clustering with Genetic Algorithm** : Hadoop • Docker • Ambari • Genetic Algorithm

ADDITIONAL INFORMATION

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- **Languages**: Arabic, English, French.
 - **Certifications**: IBM Data Analyst (IBM), Data Analyst (365datascience), +24 certificates on my portfolio
 - **Awards/Activities**: Director of Club Digital Initiative EST-Essaouira, DATA-VERS Hackathon (2nd), OPEN-SOURCE Hackathon (2nd)