



MOHAMMED ABUSARAR

Data Scientist | Data Analyst | AI/ML Developer

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SUMMARY

Dynamic data scientist specializing in NLP and full-stack data workflows. I turn complex data into clear, actionable insights that drive business value. Relentlessly curious, I apply advances in generative AI, MLOps, and predictive analytics. Active in the data-science community, I share findings to keep solutions cutting-edge.

LANGUAGES

- French: Bilingual
- English: Bilingual
- Arabic : Native

COMPUTER SCIENCE

- Programming & Tools:** Python, R, Scala, Java, HTML, CSS, POO, SQL, Spark, Docker, Git, JIRA.
- ML & AI:** Machine Learning (Supervised/Unsupervised), NLP (BERT, GPT), Deep Learning, LLMs
- Data Engineering:** Hadoop, Apache Spark, KNIME, Talend, Big Data pipelines
- Databases & Cloud:** SQL/NoSQL, MongoDB, Cloud (Azure, AWS, GCP)
- Visualization & BI:** Power BI, Tableau, Qlik Sense
- Other Tools:** Linux, Photoshop, Praat

CERTIFICATIONS

RNCP Data Science Developer

Bachelor Degree in Natural Language Processing

EDUCATION

M2I Formation - 2025

- Professional Title:** DATA ANALYST, Designer, Developer in Data Science,
- RNCP** 35288, Level 6 (First-year Master's coursework (Bac +4))

Paris-Cité University - 2022

- Bachelor's degree in Linguistics – Computational Linguistics.

Al-Aqsa University, Gaza-Palestine 2018

- Bachelor's Degree in French Language and its Teaching Methodologies.
- Training in Teaching Arabic as a Foreign Language.

PROFESSIONAL EXPERIENCE

Freelance Data Scientist & AI Developer

(January 2022 – Present)

- Development and deployment of basic to intermediate NLP ML AI models.
- Creating chatbots and virtual assistants using transformer-based models (GPT, BERT).
- Building a basic LLM fine-tuned on Wikipedia texts for text prediction and analysis.
- Development of sentiment analysis model for Arabic and French text classification.
- Working with time series forecasting to predict trends in various datasets. Integrating Google Trends and API-based data retrieval for real-time analytics.
- Designing and implementing interactive dashboards using Qlik Sense, Tableau, and Power BI for data-driven decision-making.
- Gathering business requirements to develop tailored data solutions and improve reporting processes.

NLP INTERN

March 2021 - August 2021

- Paris, France - CLILLAC-ARP - Research Lab, Paris-cité University
- Extension and Testing of an Automatic Lexical Complexity Processing Pipeline for Arabic Texts.

ARABIC LANGUAGE TEACHER (Levantine Dialect and MST)

Oct 2018 - Mars 2023

- Paris, France - French National Education Ministry

FRENCH FOREIGN LANGUAGE TEACHER Translator: Gaza-Palestine

Sept 2015 - June 2018

- Al-Aqsa University, Almahd Private School. French Teacher

Nov 2015- June 2017

- AL Shifaa Hospital. Interpreter-translator: Arabic-French for PCRf Medical delegations. French Teacher