# Ahmed Alawi Radhi

Abu Dhabi, United Arab Emiarates
linkedin.com/in/ahmed-r-828a98141
github.com/7mxd

AhmedARadhi00@gmail.com
(+971) 56 913 5351
Bahraini (Emirati mother)

## Summary

Applied Mathematics and Statistics graduate with experience in data analysis, machine learning, and software development. Skilled in Python, R, Pandas, MongoDB, and Dataiku, with strong problem-solving, adaptability, and collaboration skills. Currently working on data-driven projects as a Graduate Trainee at Saal.ai, contributing through analytical thinking, effective communication, and teamwork. Interested in Data Scientist, Data Analyst, and Quantitative Developer roles.

## Experience

**Graduate Trainee – Data Science** | Saal.ai ⸻ Abu Dhabi, UAE
*Sep 2024 — Present*

- Developed and maintained ETL data pipelines using Python, Pandas, and NoSQL databases within a microservices architecture, collaborating through version-controlled repositories.

- Implemented automated data pipelines for data wrangling, fuzzy matching, anomaly detection, and exception handling, producing structured outputs and running via Docker-based scheduling.

- Built interactive dashboards and visual reports using Power BI and Tableau for proof-of-concept (POC) projects.

- Designed ER diagrams and authored technical documentation describing multiple project use cases.

- Supported client teams by troubleshooting data availability and data update issues, coordinating with internal teams to resolve data-related problems.

**Data Scientist Intern** | Saal.ai ⸻ Abu Dhabi, UAE
*Mar 2024 — Sep 2024*

- Developed skills in NoSQL databases (MongoDB, PyMongo) and built a REST API with Flask, validated using Postman and documented with Swagger UI.

- Completed Dataiku Core Designer and ML Practitioner certifications, applying them to design a data processing flow.

- Applied Python (Pandas) for data cleaning, transformation, and feature engineering, including a pipeline that improved predictive workflows within a microservices framework.

- Collaborated with UI/UX and frontend teams to design and deliver a dashboard solution, progressing from wireframe to production.

**Data Analyst Intern** | Daman – National Health Insurance Company ⸻ Abu Dhabi, UAE
*Jul 2022 — Sep 2022*

- Performed data analysis, visualization, and reporting using Microsoft Power BI to support business intelligence initiatives.

- Built dashboards to highlight key performance metrics, cost drivers, and trends.

- Strengthened skills in business intelligence, reporting, and data visualization tools.

## Education

**Khalifa University** – BSc in Applied Mathematics and Statistics                    Abu Dhabi, UAE
*2018 — 2023*    CGPA: 3.30

**Al Nahda National Schools** – High School Diploma                    Abu Dhabi, UAE
*2015 — 2018*    Grade: 95.9

## Skills

**Programming Languages:** Python, R, MATLAB, Java, LaTeX
**Tools:** Windows, macOS, Linux, Microsoft Office, Jupyter Notebook, PyCharm, RStudio, GitHub, VS Code, Overleaf, Minitab, Lingo, Microsoft Power BI, Tableau, MongoDB, Postman, Studio 3T, Dataiku
**Libraries:** Tidyverse, Lubridate, Caret, NumPy, Pandas, Seaborn, PyMongo
**Languages:** Arabic (Native), English (Fluent), Spanish (Beginner)

## Certifications & Awards

Supervised Machine Learning: Regression and Classification — DeepLearning.AI (Dec 2024)
Dataiku ML Practitioner — Dataiku Academy (Apr 2024)
Dataiku Core Designer — Dataiku Academy (Apr 2024)
Python for Data Analysis Workshop — Khalifa University (Jun 2022)
Dean's List — Khalifa University (2021 & 2022)
Python Data Structures — University of Michigan (Aug 2019)
Programming for Everybody — University of Michigan (Aug 2019)
International Computer Drivers License (ICDL Standard Profile) — ICDL Arabia (Jan 2018)

## Test Scores

GRE General Test (Jan 2023): Verbal Reasoning 139, Quantitative Reasoning 151, Analytical Writing 3.5
Emsat Achieve Result: English 1875 (Feb 2023), Math 1025 (Aug 2018)

## Volunteering

Feed and Reap Initiative Abu Dhabi — Absher Ya Watan Team (Apr 2023): Participated in Ramadan 2023 meal packing and distribution.
Lead Peer Mentor — Khalifa University (2022–2023): Mentored 9 freshmen students during Fall 2022 and Spring 2023.
Mawhibatna Program Volunteer — Sandooq Al Watan (Jul 2019): Volunteered as an organizer supporting program activities.