

# MOHMAD TAHA JASEM ALHMAD

Data Science & AI Student | Data Analytics • Machine Learning • Big Data

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kaggle kaggle.com/tahamohmadf19

## SUMMARY

Data Science & Artificial Intelligence student at Philadelphia University with strong hands-on experience in Python, SQL/MySQL, Power BI, and machine learning. Built multiple end-to-end projects covering classification, regression, big data with Apache Spark, and educational analytics. Comfortable working with real datasets, from cleaning and feature engineering to model training, evaluation, and deployment-ready code using GitHub and Jupyter/Colab. Actively seeking entry-level opportunities in data analysis, data science, or data engineering to apply and grow my skills in real business environments.

## WORK EXPERIENCE

**Data & AI Trainee, Qafzeh Data & AI Training Program** 2025

- Trained on Python programming, SQL/MySQL, NoSQL, and data analysis workflows. Amman, Jordan
- Worked with big data tools using Apache Spark for large-scale processing and MLlib models.
- Practiced classical machine learning and deep learning techniques for classification and regression problems.
- Built analytical dashboards using Power BI to visualize KPIs and business insights from real datasets.

**Call Center (Part-Time), Private Call Center** 2025

- Handled inbound customer calls, recorded issues, and escalated technical problems when needed. Amman, Jordan
- Used CRM and data entry tools to log customer information accurately.
- Strengthened communication, active listening, and problem-solving skills in a fast-paced environment.

## SKILLS

### Soft Skills

- Problem Solving
- Communication & Presentation Skills
- Teamwork & Collaboration
- Time Management
- Attention to Detail
- Fast Learning & Adaptability

### Technical Skills

- **Programming:** Python | C++ | JavaScript
- **Data & Databases:** SQL | MySQL | Basic NoSQL
- **Data Analysis & BI:** Pandas | NumPy | Power BI
- **ML & DL:** scikit-learn | Basic DL Concepts
- **Big Data:** Apache Spark (PySpark, MLlib)
- **Tools & Platforms:** Git | GitHub | VS Code | PyCharm | MATLAB | Google Colab | Docker (Basics)

## COURSES & TRAINING

**Digital Foundations Program,** 2025

**Storytelling & Narrative for Digital Content, Training Program** 2025

## VOLUNTEER WORK

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- Led a scout group in organizing field activities, community service days, and team events. Multiple Community & Charity Initiatives |
- Participated in charity campaigns including cleaning public areas, visiting orphans, and supporting clothes bank initiatives. Various periods
- Coordinated volunteer tasks such as Ramadan Iftar events and donation distributions.
- Provided free academic support sessions for students, helping them with subjects related to IT and mathematics.

## PROJECTS

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### Student Performance & Retention Dashboard (Power BI)

- Developed an interactive Power BI dashboard to track student performance and retention, including pass/fail rates, grade distribution, and at-risk trends.
- Cleaned and transformed data using Power Query, and built a structured data model (Students, Courses, Assessments, Attendance/Engagement).
- Created DAX measures for key KPIs such as Pass Rate, Retention Rate, Attendance Rate, Engagement Score, and At-Risk %, with drill-down by course/term/cohort.
- Designed an Early-Warning view to flag at-risk students based on attendance/engagement thresholds and recent assessment results.

### Bank Marketing Campaign Classification - Apache Spark MLlib

- Developed a full ML pipeline in PySpark to predict term-deposit subscription using the UCI Bank Marketing dataset.
- Applied preprocessing (handling unknown values, encoding, assembling vectors) and trained multiple models.
- Tuned a Random Forest classifier (up to 200 trees, varying depths) achieving ~90% accuracy and AUC > 0.92.

### Student Management System - Python & SQLite

- Built a CLI-based student management system using Python 3 and SQLite with full CRUD operations.
- Implemented email and age validation using regular expressions and robust input handling.
- Designed Student and DataManager classes with type hints, auto-generated student IDs, and persistent storage. Additional projects are available on GitHub: [github.com/tahamohmadf19-dev](https://github.com/tahamohmadf19-dev).

## EDUCATION

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**Bachelor's Degree in Data Science and Artificial Intelligence,,**  
*Philadelphia University*

2022 – 2026  
Amman, Jordan

## LANGUAGES

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**Arabic**  
Native

**English**  
Intermediate