

YAMAN SHIHA

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Objective Summary

Recent Data science graduate passionate about turning raw data into powerful insights. Experienced in building machine learning models and dashboards that tell a story. Excited to contribute analytical thinking and creativity to help teams make smarter ideas.

Education:

Bachelor degree in Data science

Lebanese University

2022-2025 Graduated

Projects:

HR Attrition Analysis

- Analysed employee attrition patterns across nine years.
- Cleaned and translated multi-format, bilingual data.
- Conducted EDA and Built predictive models.

QS University Rankings Analysis

- Evaluated Global university ranking data from 2010 to 2026 using clustering, classification, and time series techniques.
- Applied machine learning models.
- Built an interactive dashboard in Streamlit.

Big Data & Social Network Analysis

- Scraped Google scholar data.
- Created an author-author collaboration graph and topic clusters using unsupervised learning
- Visualize keyword frequency by word cloud

Web Scraping

- Scraped structured web data using Python
- Cleaned and stored data in Excel and MySQL
- Built a basic Flask web application to display and search the data

ANOVA Study

- ANOVA test using **Excel** to analyse group differences

Technical Skills

Programming Languages: Python, PHP, C++.

Data analysis and Visualization: Python Pandas, NumPy, Matplotlib, Seaborn, Plotly, PowerBI.

Machine Learning: Scikit learn, XGboost

DataBase System: MySQL

Tools: Jupyter Notebook, Excel.

Soft Skills

- Strong Communication and collaboration
- Problem Solving mindset
- Leadership and adaptability under pressure
- Effective Time management

Languages

- Arabic: Native
- English: Fluent