

Ayman Rezk

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Professional Summary

A passionate Data Analyst and Data Science student with hands-on experience in real-world projects. Adept at transforming data into insights using Python, SQL, R, Excel, and Power BI. Strong communication and storytelling skills with a human-centered, analytical mindset.

Education

Alexandria University, Bachelor's in Data Science Sep 2022 – Jun 2026

- Completed projects in social network analysis, database modeling, and forecasting
- Used tools like Cytoscape, R, Power BI, and Excel in academic and extracurricular tasks

Experience

Freelancer, Khamsat Independent Mar 2024 – Present

- Delivered interactive dashboards and business insights for clients using Power BI and Excel
- Analyzed financial and sales data for small businesses, improving data-driven decision making

Creativa Training Project, Internship Jan 2024 – Feb 2024

- Cleaned, transformed, and visualized data using Excel and Power BI
- Participated in teamwork and final presentation delivery

Projects

50 Startups – Machine Learning Pipeline 2025

- Built a linear regression model to predict startup profits based on R&D, administration, marketing spend, and state.
- Developed a complete preprocessing pipeline using scikit-learn with imputation, scaling, and encoding techniques.
- Achieved 90% R-squared score and tested multiple encoders with measurable performance impact.

Phone Price Prediction – Supervised Learning 2024

- Predicted smartphone prices using Decision Trees, Random Forest, and XGBoost.
- Performed data preprocessing, feature engineering, and model evaluation with cross-validation.
- Compared model performance and selected best pipeline based on accuracy and MAE.

Academic Projects – University Coursework 2023 – 2025

- Completed various data science projects including social network analysis, predictive modeling, and data visualization.
- Worked with tools like R, Cytoscape, and Excel in academic settings.
- Collaborated in team-based projects and participated in university-wide data science competitions.

Languages

Arabic: Native **English:** Professional