

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.

- 5 cm!**
- 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