

MAHMOUD EL SHERBNY

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SUMMARY

Motivated and detail-oriented Junior Data Analyst with a strong foundation in data analysis, statistical modeling, and data visualization. Proven ability to transform raw data into actionable insights. Eager to apply analytical skills to drive business success and support data-driven decision-making processes.

TECHNICAL SKILLS

- **Programming Languages:** Python, SQL
- **Data Analysis Tools:** Excel, Pandas, NumPy, Scikit-learn, Tableau, Power BI
- **Database Management:** MySQL, PostgreSQL, Microsoft SQL Server
- **Data Visualization:** Matplotlib, Seaborn, ggplot2
- **Machine Learning:** Regression, Classification, Clustering, Decision Trees
- **Statistical Analysis:** Hypothesis Testing, ANOVA, Chi-Square Tests
- **Data Cleaning and Wrangling:** Handling missing data, data transformation, data normalization
- **Version Control:** Git, GitHub

CERTIFICATIONS

- **Data Analysis and Visualization with Python – Coursera**
- **SQL for Data Science**
- **Machine Learning A-Z: Hands-On Python & R In Data Science – Udemy**

EDUCATION

Bachelor of Science in Computer Science 2020 - 2024
Higher Institutes of Al Obour

- Major in Computer Science

PROJECTS

Customer Segmentation Analysis

- Conducted clustering analysis to segment customers based on purchasing behavior.
- Used K-means clustering and visualized results using Seaborn and Matplotlib.

Sales Forecasting Model

- Developed a time series forecasting model to predict future sales.
- Implemented ARIMA and Prophet models and evaluated their performance.

INTERESTS

- **Data Science and Analytics**
- **Machine Learning and Artificial Intelligence**
- **Business Intelligence and Data Visualization**