

# Mohammad Deeb

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## Summary

Data Analyst skilled in Python, SQL, and Power BI, with hands-on experience in EDA, predictive modeling, and data visualization. Passionate about transforming complex datasets into actionable business insights.

## Work Experience

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### Business Analysis Intern, Saiket Systems | 2025 – Present

- Conducting customer churn analysis for a telecom company using Python and statistical techniques.
- Performing data cleaning, exploratory data analysis (EDA), and advanced visualization.
- Building predictive models to identify at-risk customers and providing actionable recommendations.
- Creating dashboards to visualize customer segments and retention insights using Matplotlib and Plotly.

### Business & Data Analyst | 2025 – Present

- Led a Customer Churn Prediction & Retention Strategy project addressing client revenue loss from 20% annual churn.
- Defined KPIs (Churn Rate, Customer Lifetime Value, Retention Cost) and built ML models (Logistic Regression, Random Forest).
- Designed a Looker dashboard highlighting churn risk distribution and actionable strategies.
- Achieved potential 10% churn reduction = ~\$390K savings.

### Data Analytics Intern — Codveda Technology | Sep 2025 – Oct 2025

- Performed data cleaning and preprocessing using Python and pandas.
- Conducted exploratory data analysis (EDA) and created visualizations using Matplotlib and Seaborn.
- Implemented regression and clustering models (K-Means) to extract insights from datasets.
- Built a dashboard in Power BI/Tableau to present findings and key metrics.

### Machine Learning Intern — Codveda Technology | Oct 2025 – Present

- Working on data preprocessing, feature engineering, and model training using scikit-learn.
- Implementing supervised models such as Linear Regression, Logistic Regression, and Decision Trees.
- Exploring advanced techniques like Random Forests and Neural Networks (TensorFlow/Keras).
- Evaluating models with metrics including accuracy, F1-score, and ROC-AUC.

### AI Agent & Chatbot Developer | Aug 2025 – Present

- Designed and deployed AI-powered chatbots to streamline operations and automate workflows (using n8n).
- Built a restaurant chatbot leveraging customer reviews and structured feedback with LLMs (LangChain, LangGraph, RAG pipelines).
- Optimized performance focusing on accuracy, speed, and user experience.

## Machine Learning Engineer | 2025 – Present

- Developed an AI-powered Waste Management System using Python libraries for face and garbage detection, with automated email notifications to individuals littering in public areas.

## Full Stack Developer | Jul 2024 – 2025

- Built complete web apps including e-commerce platforms .
- Tech stack: HTML, CSS, JavaScript, PHP, MySQL, ASP.NET, Bootstrap, Laravel.

## Math Instructor, Al Amir Public School | 2021 –2022

- Taught middle school mathematics using project-based and interactive learning methods to enhance students' problem-solving skills.

## Education

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- Bachelor's in Computer Science | Lebanese University, Zahle (2021 – 2025)

## Certifications

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- Coding & Robotics in Education Workshop | Robogeex Academy & Lebanese University (2025)
- Numpy, SciPy, Matplotlib & Pandas A-Z: Machine Learning | Udemy (2025)

## Key Skills

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- Business Analysis: KPIs definition, translating business needs into technical requirements
- Data Analysis & Visualization: SQL, Power BI, Tableau, Looker, Excel
- Predictive Analytics: Logistic Regression, Random Forest, ML pipelines
- AI & Automation: Chatbots, AI Agents, RAG Pipelines, LangChain, LangGraph, n8n, OpenAI APIs
- Workflow Automation: n8n pipelines, API integrations, Notion automation
- Programming: Python, R, Java, C++, C, JavaScript, PHP
- Web & Systems: Laravel, ASP.NET

## Languages

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- Arabic: Native
- English: Fluent
- French: Fluent