

## Karin Iskandarani

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### SUMMARY

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Detail-oriented and analytical **Computer Science** graduate with hands-on experience in **exploratory** and **descriptive data analysis**, reporting, and dashboard creation. **ZAKA certified Data Scientist** and AWS Cloud Practitioner, proficient in **Python** (Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn), **SQL**, **Power BI**, and **Excel** with a strong foundation in cleaning, exploring, and presenting large datasets. Familiar with Google Analytics. Built interactive dashboards, paginated reports, automated workflows, and derived insights to support decision-making. Experienced in working cross-functionally with the business team. Eager and excited to apply my data expertise in support of innovation at the intersection of education and technology with Kamkalima.

### SKILLS

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- **Programming:** Python (Pandas, NumPy, Scikit-learn, TensorFlow, Matplotlib, Seaborn), SQL, PowerShell
- **Data Analysis:** Data Cleaning, Exploratory Data Analysis
- **Business Intelligence:** Microsoft Power BI, Microsoft SSRS, Microsoft Power Automate
- **Version Control:** Git & GitHub
- **Databases:** Microsoft SQL Server
- **Machine Learning:** Classification (Logistic Regression, SVM, Decision Trees, Random Forest), Regression (Linear Regression, Ridge Regression)
- **Evaluation and Optimization:** Model Evaluation (Accuracy, Precision, Recall, F1-score, AUC, Confusion Matrix), Hyperparameter Tuning
- **Certifications:** AWS Cloud Practitioner, ZAKA Data Science Certification
- **Languages:** Arabic (Native), English (Proficient)

### WORK EXPERIENCE

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#### AI Engineer Intern

March 2025 – May 2025

Snowheap, *Sharjah, UAE, Remotely*

- Worked on integrating FastAPI and backend logic for a smart home system.
- Evaluated conversational agents and developed benchmarks for performance.

#### Data Science Trainee

October 2024 – Present

ZAKA | *Beirut, Lebanon, Remotely*

- Applied **data manipulation** (Pandas, NumPy), **data cleaning**, and **visualization** techniques using Python (Seaborn, Matplotlib).
- Built **supervised learning models** and evaluated performance using standard metrics.
- Conducted **exploratory data analysis (EDA)** to uncover trends and insights.
- Developed **dashboards** and **visualizations** to present model findings.

#### Data Engineer Intern

September 2024 – November 2024

Softech, *Beirut, Lebanon*

- **Cleaned** and **validated large datasets** from multiple sources to ensure accuracy.
- Created stored procedures to **automate data validation** for automated data validation and cleaning.
- Collaborated with cross-functional teams to gather requirements and implement data solutions.
- Developed and **optimized SQL queries** for data extraction and manipulation ensuring data accuracy and integrity.

#### Data Analyst Intern

December 2023 – June 2024

Chedid Capital Holding, *Baabda, Lebanon*

- Collected, cleaned, and preprocessed **large datasets**, ensuring data integrity.
- Maintained the **data warehouse**, aligning with business requirements.

- Migrated **150+ reports** from **Microsoft SSRS** to **Microsoft PBI Report Builder**, improving report rendering times.
- Designed **interactive dashboards** using Microsoft Power BI to deliver actionable insights to stakeholders.
- Automated **data workflows** using Power Automate and SQL Server Jobs.

## PROJECTS

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- **Global Suicide Rates Dashboard & Presentation:**
  - o Developed an interactive **Tableau** dashboard ([Tableau Dashboard Link](#)) visualizing global suicide rates, identifying key indicators and trends.
  - o Created a **Google Slides** presentation ([Google Slides Presentation Link](#)) detailing the dashboard's methodology, key findings, and data-driven recommendations for suicide rate reduction.
- **Loan Acceptance Prediction** – Built a **Logistic Regression** model for loan approval, conducted **EDA, feature analysis, and model evaluation** to improve accuracy and precision
- **Time Series Forecasting for Bike Ride Analysis** – Developed **AR, MA, SARIMAX models** for time series analysis, improving **RMSE to 7.067**. [Project Link](#)

## EDUCATION

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**Bachelor Degree in Computer Science**  
*Lebanese International University*  
GPA: 3.5 with honors

September 2019- July 2023

## CERTIFICATIONS

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- AWS Cloud Practitioner Certification
- Artificial Intelligence Certification, D.O.T Lebanon
- ZAKA Certified Data Scientist

## LANGUAGES

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- Arabic: Native Language
- English: Proficient