

# MARIAM SBEITY

## Data Scientist

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- Lebanon

## Summary

Detail-oriented Data Science graduate with hands-on experience in machine learning, data preprocessing, and AI-driven solutions. Passionate about leveraging data science to solve real-world problems, automate workflows, and enhance user experiences. Strong communicator and collaborator with a commitment to innovation and continuous learning

## Education

<a href="#">Lebanese University</a>	Beirut- Lebanon
Master degree in Computer Science	11/2024 – 07/2025
<a href="#">Lebanese University</a>	Beirut - Lebanon
Bachelor degree in Data Science	11/2021 – 07/2024

## Projects

### [Prompt2Play](#) 03/2025 – 05/2025

The projects' objective is to allow users to create animated videos from prompts with ease and efficiency. Users may employ a text or audio prompt which is then transformed into animated video scene using the **Hotshot XL model** after going through transcription using **Whisper**, editing of prompt via **Gemini API**.

### [Detection of Distracted Drivers Through Machine Learning Models](#) 05/2024 – 07/2024

As a senior, my graduation project was around the topic of detection of distracted behavior and what is the behavior. I processed the data like resizing the images and understanding the dataset, then implemented 3 machine learning models and compared their results and accuracy.

## Experience

<a href="#">eFlow – E-Learning Providers</a>	Remote
Data Science Intern	04/2024 – 06/2024
<ul style="list-style-type: none"><li>• Conducted research on LLMs and RAG, enhancing retrieval and generation performance.</li><li>• Built a Python script using pdfminer to extract structured data from PDFs and export as CSV.</li></ul>	

## Skills

- Python
- Pandas
- Numpy
- Data cleaning
- Machine Learning Models
- Scikit-learning

## Languages

- [Arabic](#) – Native
- [English](#) – Fluent in speaking, writing and reading