

Maor Blumberg

Technical Skills

- **Python**- pandas, numpy, sklearn, tensorflow, pytorch, xgboost, ngboost, mediapipe, cv2, jupyter, API, Django, Pymc, wandb, prefect, streamlit
- **R** - R studio, ggplot
- **Azure AI**
- **Tableau**
- **SQL**- MySQL, PopSQL
- **JASP, SPSS**
- **Statistics, Probability, Math**

Leadership

Army Lieutenant: 2016- 2019
Commanding over soldiers in diverse environments: Border Control Police, Military Jail and Intelligence School - problem solving, coordinating projects and managing human resources.

Volunteer

American Football Coach: 2022
Coached and mentored teens in American football

Command Center: 2023- 2024
October 7 war evacuees housing solutions

Languages & citizenship

- Hebrew- native
- English- fluent
- U.S. Citizenship
- Israeli Citizenship

B.Sc. Graduate in Statistics and Psychology with a Data Science specialization from Tel-Aviv University, Starting an advanced program in Data Science. Curious thinker looking to obtain a data-oriented position in a company that provides meaningful and ingenious solutions.

Projects

Github -

- **LLMs for Cancer Immunotherapy**- Applying state-of-the-art biological **Foundation Models** to single-cell data, aiming to uncover novel insights and guide research directions in cancer immunotherapy.
- **Fingerprint Model**- Utilizing **CNN** and **Gradient Descent** to minimize reconstruction error and generate a unique matrix for each subject.
- **CatBoost Marketing CTR project**- End-to-End CTR Prediction using Weights & Biases, Prefect for experiment tracking and Streamlit for deployment.
- **Metaculus Boosting trends prediction**- Leveraged XGBoost, LightGBM, CatBoost, and NGBoost to forecast community predictions.
- **Stocks Prophet model**- Utilized the Facebook Prophet model to analyze trends and seasonality in stock data and generate future predictions.

Experience

Data Science Intern , Compugen (Y-Data)	March 2025- Present
Leveraging Large Language Models (LLMs) to uncover insights and research directions in oncology	
Research Assistant , Tel Aviv University	2023-2025
Facial Recognition research using neural networks & SVD Gradient Descent, Decision Making research.	
Counselor , at-risk and autistic teens, Tel Aviv Muni.	2020-2021
Mentored at-risk youth in a designated safe environment and provided guidance to teens on the autism spectrum to navigate daily challenges and build meaningful social connections.	
Analyst , Pontera (formely Feex)	2015
Analyzing financial and pension documents and extracting relevant data for the company financials' advisor models.	

Education

Data Science program, Y-Data (Tuesday eve. and Fridays) Tel Aviv university	October 2024- Present
B.Sc. in Statistics & Psychology with Data Science , Tel Aviv University	2021- October 2024
Azure AI Fundamentals - Microsoft	April-May, 2023