

Shahar Lando

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Data Science student passionate about finding exciting new ways of solving problems; turning data into practical insights using mathematics, statistics & experimentation to turn guesses into calculated predictions.

Education

Afeka Academic College of Engineering

B.Sc. in Data Science | Expected Graduation: 2027

GPA: 87/100

Technical Skills

Programming: Python, SQL, R

Data & ML: Pandas, scikit-learn

Visualization: Tableau, Matplotlib

Tools: Git, GitHub, Jupyter, SQLite, Streamlit

Methods: Statistical Inference, Hypothesis Testing, Experimental Design, Feature Engineering

Projects

Audio Classification & Similarity Search Engine

Python · scikit-learn · librosa · SQLite · Streamlit

- Built an end-to-end audio ML pipeline using acoustic feature extraction, Random Forest classification, cosine-similarity search, and a Streamlit interface for sound labeling and retrieval.
- <https://github.com/shoohi/AudioDNA>

Behavioral Economics Experimentation Platform

Python · Streamlit · SQLite · SciPy · statsmodels

- Built a controlled behavioral-economics experimentation platform focused on causal inference, with randomized treatment assignment, anonymized data collection, and statistical analysis using hypothesis tests, effect sizes, confidence intervals, bootstrap methods, and power analysis.
- <https://github.com/shoohi/irrationality-engine>

Experience

Private Mathematics Tutor

2024-present

- Provided one-on-one mathematics tutoring to students at university level.

Additional Experience

- Participated in an AI & Education Hackathon, building an education platform intended to teach the strengths and limitations of AI and how to best utilize it.
- Participated in multiple Game Jams, developing collaborative projects under tight deadlines.

Languages

Hebrew: Native

English: Fluent