

Priel David

Statistics, Data Science, Data Analysis & Economics

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About me

B.Sc. in Statistics, Data Science & Economics at Ben Gurion University. Experienced in statistical modeling, machine-learning pipelines and crafting insights that shape strategy, product and operations. Looking for opportunities to grow and apply my statistical and analytical skills in real-world projects and challenges.

Education

Ben Gurion University of the Negev | 2022-2025

B.Sc. in statistics, Data Science & Economics

Experience

Data Projects | 2024 – present

Ben Gurion University

- Conducting guided research on urban parking with GameLab data, applying statistical models to detect and quantify hypothetical-bias patterns.
- Developing a personal ETL/data-engineering project that pulls multi-source feeds and trains a model predicting 100 m-freestyle results for the next Olympics.
- Built a real-estate price-prediction model in Python & R (pandas, scikit-learn, LightGBM, XGBoost, Random Forest), covering cleaning, feature engineering, and evaluation, and achieved a very low RMSLE with strong predictive accuracy.
- Built a 3-NF relational database for KRL Gaming, processed the data in Excel, wrote advanced SQL queries, and built an interactive Power BI dashboard for clear operational insights.

Teaching Assistant | 2021-2022

Amit High School

- led a group of struggling students to pass their "Bagrut" exams.

Air Traffic Controller | 2018-2021

Israeli Air Force

- Managed real-time separation for dozens of military flights per shift in a high-pressure environment.
- Trained and supervised 40 junior controllers and helped formalize emergency procedures.

Skills & Abilities

- Python, R, Power BI, SQL, Advanced Excel
- **Machine Learning & Stats:** Random Forest, XGBoost, LightGBM, Bayesian methods.
- **Data Engineering:** ETL design, batch pipelines, data modeling.

Languages

Hebrew – Native

English – Fluent