

# MICHAEL MUTTER

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Data Analyst with strong AI orientation, experienced in building scalable analytics workflows, predictive models, and KPI dashboards to drive decisions in complex environments. Proven ability to translate large datasets into business impact. Strong analytical mindset, fast learner and clear communicator. Holds a B.Sc. in Industrial Engineering and Management specializing in Data Science, with leadership experience from six years as a military officer, including two in a technological role.

## EXPERIENCE

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**Data Analyst** / Prime Minister's Office, Jerusalem

2023-Present

End-to-end execution of data analysis projects, including ETL processes, data cleaning and exploratory data analysis (EDA), to support strategic decision-making. This includes building structured data workflows, identifying trends and anomalies, working closely with cross-functional teams to turn complex data into clear, actionable insights for senior stakeholders.

Led data-driven initiatives that created organizational impact and supported informed decision-making, including:

- Delivered strategic insights from large scale workforce data, optimizing planning and cutting 10-15% of a department's budget.
- Built predictive models (Python, Scikit-learn) on organizational data to inform planning.
- Create dashboards and KPIs to track workforce and operations trends.

**Private Tutor** / Ariel University (Part-time)

2022-2025

Provided personalized tutoring for university students in STEM subjects, Including physics, Statistics and programming. Focused on clear explanations, structured learning and comprehensive preparation for final exams.

## EDUCATION

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**B.Sc. in Industrial Engineering and Management - Data Science Specialization** / Ariel University

2021-2025

- **Dean's List honoree for three consecutive years (2022-2024) - GPA: 93.54**
- Executed data analytics projects involving EDA, ML, statistical analysis and visualization - [GitHub](#)

**Computer Science Studies** / Lev Academic Center (JCT), Jerusalem

2010-2014

- Completed 2 out of 3 years of a B.Sc. in Computer Science \*during high school\*. Full High school diploma.

## MILITARY SERVICE

2015-2021

**Officer - Special Operations Engineering Unit (YAHALOM) / IDF**

Served as an officer in elite unit, leading operational and technological initiatives. Commanded dozens of soldiers in both field operations and training. Headed R&D activities in the final two years of service, from concept to deployment of technologies countering tunnel threats.

- Collaborated with defense industries, tech companies, and security forces.
- Directed the training of combat teams specializing in tunnel operations.

## TECHNICAL SKILLS

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**Skills:** Data Analysis & Visualization | Statistical Thinking | Project Management | KPI Design | A/B Testing

**Modeling:** Supervised & Unsupervised Learning | Classification | Clustering | Regression

**Tools & Platforms:** Excel | SQL (SQL Server) | Git | Power BI | Power Query

**Programming Languages:** Python (Pandas, NumPy, Scikit-learn, Seaborn, Matplotlib, BeautifulSoup, TensorFlow) | R

## LANGUAGES

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**Hebrew** - Native

**English** - Highly Proficient

**Russian** - Native