

# Elad Oz-Cohen

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## Skills

**Software:** SQL, Tableau, R, Python, Excel.

**Languages:** Hebrew (native), English (fluent).

## Projects

- Programmed an interactive web application that explores the behavior of various measurements of central tendencies. *Webpage*
- Data Analysis: Data Exploration and insights extraction via SQL and Tableau. *Webpage*
- Data Visualization: Collection of assorted ongoing data visualizations. *Webpage*

## Education

### Advanced SQL Certification

NAYA COLLEGE

Herzliya, Israel

2022

- Obtained comprehensive and practical experience in both the core and advanced concepts of SQL.
- Among other topics, honed me skills in the fundamental principles of SQL, DML, Advanced quiring techniques, window functions, and Transact SQL programming.

### M.A. in Experimental Psychology: Brain and Cognition with Data Science Emphasis

DEPARTMENT OF PSYCHOLOGY, BEN-GURION UNIVERSITY OF THE NEGEV

Be'er Sheva, Israel

2019-2021

- GPA 90/100.
- Presented results of projects in conferences and meetings.

### B.A. in Psychology

DEPARTMENT OF PSYCHOLOGY, ACHVA ACADEMIC COLLEGE

Yinon, Israel

2016-2019

- GPA 93/100, Summa Cum Laude.
- Dean's list, 2018-2019.

## Experience

### Data Analyst Intern | Israel Defense Forces

BEHAVIORAL RESEARCH ARRAY

Tel Hashomer, Israel

2020-2021

- Aggregated unstructured data from multiple sources to analyze the behavioral patterns of 5,000+ army personnel using hypothesis testing and machine learning techniques.
- Automated repetitive pre processing tasks using R programming language, increasing operational efficiency by 50%.
- Communicated valuable insights to 100+ senior officers in numerous conferences.

### Research Assistant | Ben-Gurion University of the Negev

DEPARTMENT OF PSYCHOLOGY, THE ZLOTOWSKI CENTER FOR NEUROSCIENCE

Beersheba Sheva, Israel

2019-2022

- Collected, managed, analyzed and visualized data from multiple experiments, totaling in more than 5-million data points.
- Fast-learned and applied advanced statistical modeling techniques such as to meet projects requirements.
- Transformed data analysis insights to innovative experimental procedures which increased productivity by 30%.

### Teaching Assistant | Ben-Gurion University of the Negev

DEPARTMENT OF PSYCHOLOGY, THE ZLOTOWSKI CENTER FOR NEUROSCIENCE

Be'er Sheva, Israel

2019-2021

- Inferential Statistics: t-tests, ANOVA, hypothesis testing, correlation analysis.
- Multivariate Regression: linear regression anaylsis, fitting and visualizing linear models in R programming language.