

Skills

- Software: SQL, Tableau, Excel, R, Python.
- Languages: Hebrew (native), English (fluent).

Personal Projects

COVID-19 EDA - [link to project](#) 2023

- Implemented **SQL** to filter and analyze 300.000+ data points from two large COVID-19 datasets using **CTE, DML, JOINS, and UNIONS**.
- Deployed **Tableau** to communicate key insights on the relationship between infections, vaccinations, and mortality rates.

Israel Bus Stops Mapping - [link to project](#) 2023

- Deployed **R-Studio** data manipulation and visualization packages to analyze 33,000+ geographical data points and gained insights regarding the scattering of bus stations throughout Israel.

Web-Application Programming - [link to project](#) 2023

- Created an interactive web application using **R-Studio** that allow users to explore the behavior of central tendencies measurements.

Job Experience

Data Analyst Intern - Israel Defense Forces - Tel Hashomer 2020-2021

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

Research Assistant - Ben-Gurion University - BeerSheba 2020-2021

- Spearheaded and designed 15+ experiments totaling 600+ subjects, and collected, managed, analyzed, and visualized over 5 million data points as part of end-to-end research projects.
- Fast-learned and applied advanced statistical modeling techniques to meet project requirements.
- Transformed data analysis insights to experimental procedures, increasing productivity by 30%.
- Collaborated with a large research team to share data and supported research efforts, resulting in publication.

Teaching Assistant - Ben-Gurion University - BeerSheba 2020-2021

- Delivered weekly tutorials on the theory and application of wide statistical topics.
- Inferential Statistics: t-tests, ANOVA, hypothesis testing, correlation analysis.
- Multivariate Regression: linear regression analysis, fitting and visualizing linear models in R programming language.

Education

Advanced SQL certification - Naya College 2022

- Obtained comprehensive and practical experience in both the core and advanced concepts of SQL.
- Acquired proficiency in, among other topics, the fundamental principles of SQL, DML, Advanced quiring techniques, window functions, and T-SQL programming.

M.A. in Cognitive Psychology with Data Science Emphasis - Ben-Gurion University 2019-2022

- Presented results of projects in conferences and meetings.
- Mentored and directed students on the proper conduction of research.
- GPA 91/100.

B.A. in Psychology - Achva Academic College 2016-2019

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