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 measurements of central tendencies. *Webpage*.

- Data Analysis: Data Exploration and insights extraction via SQL and Tableau. *Webpage*.

- Data Visualization: Collection of assorted ongoing data visualization projects. *Webpage*.

Education

Advanced SQL Certification   Herzliya, Israel
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 Transact SQL programming.

M.A. in Experimental Psychology: Brain and Cognition with Data Science Emphasis   Be'er Sheva, Israel
DEPARTMENT OF PSYCHOLOGY, BEN-GURION UNIVERSITY OF THE NEGEV   2019-2022
- GPA 90/100.
- Presented results of projects in conferences and meetings.
- Mentored and directed students on the proper conduction of research.

B.A. in Psychology   Yinon, Israel
DEPARTMENT OF PSYCHOLOGY, ACHVA ACADEMIC COLLEGE   2016-2019
- GPA 93/100, Summa Cum Laude.
- Dean's list, 2018-2019.

Experience

Data Analyst Intern | Israel Defense Forces   Tel Hashomer, Israel
BEHAVIORAL RESEARCH ARRAY   2020-2021
- Aggregated unstructured data from external 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 conferences.

Research Assistant | Ben-Gurion University of the Negev   Beersheba Sheva, Israel
DEPARTMENT OF PSYCHOLOGY, THE ZLOTOWSKI CENTER FOR NEUROSCIENCE   2019-2022
- Spearheaded and designed 15+ experiments totaling in 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 in a scientific journal.

Teaching Assistant | Ben-Gurion University of the Negev   Be'er Sheva, Israel
DEPARTMENT OF PSYCHOLOGY, THE ZLOTOWSKI CENTER FOR NEUROSCIENCE   2019-2021
- 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.