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A Risk Data Analyst, experienced in mitigating fraudulent behavior using big data, creative and analytical thinking.

Software: SQL, R, Python, Power Bi, Excel, Git, SPSS, HTML & CSS

Languages: Hebrew & English - Native speaker

Personal Projects_

- Numerous analytical blog posts exploring statistics, data analysis and more. Website
- Israeli elections twitter-bot leveraging a Raspberry Pi, Linux R & MySQL database. Documentation
- Data visualization: Collection of assorted ongoing visualizations. Webpage

Experience_

Risk Data Analyst

Payoneer 2021 - Present

Leveraging users' actions to identify fraudulent behavior in our partners' financial flow. Using both small and big data with tools such as SQL, R & Python.

- Led numerous projects such as segmenting fraudulent groups within a major partner, strategic prevention of toll fraud abuse, Bot mitigation and more.
- Collaborating with the Data Science team, reviewing ML model outputs, collecting data for training and suggesting new features based on recent identified fraud.
- Constant communication to stakeholders regarding occurring and potential fraud, as well as structural solutions to mitigate it.
- Initiating data educational sessions such as *personal data visualization practices* and data analysis discussions with others.

Research Assistant Analyst

Department of Government and Politics

2018 - 2021

- Data analysis: Testing hypotheses using a multilevel model, creating statistical reports of descriptive and inferential statistics and visualizing findings in R.
- Literature work: Conducting English-language research of quantitative articles and presenting at conferences.
- Published our research in a Q1 journal. open access article

Teaching Assistant

Department of Sociology & Anthropology

2018 - 2020

- Statistics: Descriptive and inferential statistics including t-tests, ANOVA, correlations, hypotheses tests.
- Quantitative Methods: Critical reading, hypotheses tests, regression models and communicating findings.

Israeli Liaison for the Jewish Agency

Rockville, MD, USA 2013 - 2015

Jewish Community event planning and promoting; presentations, outreach and engagement. In addition, I managed the local Israeli Scouts educational programs, developed counseling skills and organized events.

Education

MA. Sociology & Anthropology

Ben Gurion University

Thesis: "Trust & Privacy in the online cannabis market." Ran a PCA, Linear and Logistic regression

2021

BA. Sociology, Anthropology & Political Science
Magna Cum Laude

Ben Gurion University

2018

Military service

Tank Gunner, armored corps

2009 - 2012