

### **2011-2025: Academic Teaching**

I have been engaged in academic instruction for nearly a decade and a half, having taught over 30 distinct courses across a wide range of disciplines. My core teaching areas encompass: Statistics and Probability, Data Science, Mathematics, and Computer Science.

### **2015–2020: Statistical Consultant & Freelancer**

Managed an independent statistical consultancy, offering services to businesses, PhD, and Master's students.

Led statistical studies and complex data science projects (e.g., cryptocurrency valuation, customer segmentation) using statistical, machine learning and deep learning techniques. Key clients included biomedical companies and software solution providers.

### **2015–2016: Senior Biostatistician, Technostat**

Led statistical design and analysis for numerous medical device and pharmaceutical clinical trials.

I was responsible for study protocol design, advanced statistical modelling (e.g. meta-analysis, survival analysis), and complex programming using SAS and R. Projects spanned diverse fields including neurology, cardiology, and dermatology.

### **2011–2015: Lead Biostatistician, AMIT Institute at the Technion**

Provided comprehensive statistical leadership and support for biomedical technology development within the institute.

Key responsibilities included clinical trial design (protocols, power calculations, regulatory submissions to FDA/Dekra), executive-level reporting, and software development (e.g., medical imaging tool based on Monte Carlo simulations). Led the statistical analysis for a major data science/bioinformatics project on early cancer detection, utilizing machine learning techniques on complex sensor data.

**2008–2011: Statistical Consultant, University of Haifa**

Provided statistical consulting and analysis for seminar papers, Master's, and Doctoral dissertations across social sciences, biotechnology, and nutrition.

Delivered hands-on analytical support to graduate students using a variety of statistical software packages (SAS, SPSS, JMP, Stata).