Dov Yellin

Data Analyst | Storyteller

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PROFILE

Data Analyst pivoting from a 20-year career as a Video Editor. Crafted hundreds of impactful stories from thousands of hours of raw media across film, TV, and social platforms. Recent non-profit work broadened my skillset and deepened my commitment to community impact. Critical thinker who turns data into clear insights and compelling stories for stakeholders at every level.

DATA ANALYTICS EXPERIENCE

FBI Hate Crime Analysis, Independent Project, 2025-Present
- Analyzed 250k+ FBI hate crime records (1991–2023) to identify patterns in offender bias, offense types, and incident timing, uncovering strong correlations between specific biases and incident rate spikes aligned with national and geopolitical events.

Data Visualization with Tableau Specialization, UC Davis/Coursera, 2025
Capstone Project: TSA Claims Analysis
- Analyzed 200k+ TSA claims (2000–2015) to uncover patterns across incident dates, claim types, claim sites, outcomes, and claimed vs. awarded amounts.
- Found that the 2004 claim peak (29k cases) stemmed from post-9/11 nationwide TSA expansion rather than an actual spike in incidents; determined that 20% of claims originated at checkpoints and 10% listed a $0 claim amount that resulted in denial or cancellation.

Learn SQL Basics for Data Science Specialization, UC Davis/Coursera, 2025
Capstone Project: 120 Years of the Olympics
- Analyzed 270k+ Olympic event results spanning 120 years to test hypotheses on athlete performance relative to country of origin, host nation, and physical attributes.
- Found that 46.5% of medals were won by athletes competing in their home country; determined that multi-event participation did not improve medaling odds (3.9% of medals vs. 14.7% overall medaling rate); identified sport-specific correlations between performance and physical attributes.

Google Advanced Data Analytics Certificate, Google/Coursera, 2025
Capstone Project: Salifort Motors Employee Retention
- Built a predictive model to determine which employees are likely to leave and identified the key drivers of attrition.
- Provided insights that would enable HR to strengthen employee retention strategies.

Google Data Analytics Certificate, Google/Coursera, 2025
Capstone Project: Operating Room Efficiency Study
- Analyzed 2,100 surgical cases from Q1 2022 to identify scheduling inefficiencies affecting operating room utilization, patient throughput, and financial performance.

- Found that only 42% of cases began on time; identified three services that consistently finished on schedule and three that were most likely to start late; uncovered a mismatch between 15-minute booking intervals and a 30-minute average turnover time; and showed that delays in the first case of the day cascade into late starts for all subsequent cases.

Membership Committee Co-Chair, Temple Israel Portsmouth, 2022-Present
- Lead committee responsible for tracking, welcoming, and integrating new members.
- Developed a streamlined tracking system for new and prospective members and assigned liaisons to improve follow-through and engagement.
- Cleaned and reorganized a cross-platform membership database to improve accuracy, usability, and long-term maintenance.
- Maintain membership records and documentation while monitoring retention trends.

Treasurer, Little Harbour School PTA, 2020-2023
- Managed finances for a 501(c)(3) non-profit with $100K in assets, overseeing all income, expenditures, and annual budgeting for school enrichment programs.
- Tracked budget performance and used financial analysis to recommend spending adjustments and support new program development.
- Drove strong financial outcomes: revenue outpaced spending by an average of **$12K** annually; spending averaged **58% of budget** while still fully funding all programs; and total assets grew by **61.8%** over three years.

SKILLS

Expert in: Adobe Creative Suite: Premiere, After Effects, Photoshop, Lightroom, Illustrator, InDesign, Audition, Media Encoder • Video Editing • Motion Graphics • Color Grading • Visual Design • Stakeholder Communication • MS Office • Problem Solving • Project Management • Digital Media

Proficient in: Excel • Google Sheets • SQL • Python • Tableau • Exploratory Data Analysis • Descriptive Statistics • Inferential Statistics • Regressing Modeling • A/B Testing • Data Cleaning • Data Validation • Data Visualization • Dashboards • Machine Learning • AI

EDUCATION & PROFESSIONAL DEVELOPMENT

- **Data Visualization with Tableau**, UC Davis, 2025
- **Learn SQL Basics for Data Science**, UC Davis, 2025
- **Google Advanced Data Analytics**, Google, 2025
- **Google Data Analytics**, Google, 2025
- **B.S. in Film Production,** Boston University, 2003