

Noah Feldman

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Education

UC Santa Barbara

B.S. Statistics and Data Science

Santa Barbara, CA

Expected May 2028

Coursework (Fall 2026): Principles of Data Science with R; Mathematical Logic and Proofs

Glendale College

A.S. Applied Mathematics, GPA: 3.6

Glendale, CA

May 2026

Coursework: Statistics, Linear Algebra, Multivariable Calculus, Java, C++

Selected Technical Projects

FPL Copilot | Fantasy Premier League Forecasting

May 2026 – Present

- Built and deployed a Next.js and FastAPI application that forecasts next-gameweek player points from official FPL data using rolling five-appearance points, rolling minutes, and opponent fixture difficulty.
- Evaluated Ridge regression against a recent-points baseline on a later-gameweek holdout spanning gameweeks 31–35: MAE 1.001 vs. 0.981 and RMSE 1.908 vs. 2.020.
- Converted forecasts into player research, captain shortlists, and legal squad and transfer comparisons under budget, position, club, free-transfer, and points-hit constraints.

Prediction Market Analysis | Polymarket Probability Analysis

Apr 2026 – Present

- Built a Python and Pandas pipeline that enumerates and normalizes Polymarket binary YES/NO markets, applies a fixed 24-hour pre-resolution snapshot rule, and publishes linked evidence rows.
- Compared 27.10% average predicted YES with 24.58% observed YES across 75,036 markets.
- Added a deterministic one-market-per-event robustness view that changed the gap from -2.53 to +0.84 percentage points, showing sensitivity to event grouping.

Experience

Nirvana Home Entertainment

Data Analyst and Product Research Intern

Los Angeles, CA

Sep 2025 – Nov 2025

- Queried sales and inventory for a seven-figure, three-warehouse operation using SQL joins, window functions, and conditional aggregation; calculated net revenue after discounts and returns and identified approximately \$12,000 in unused and high-cost inventory.
- Evaluated emerging AI-enabled smart-home and safety products by comparing pricing, capabilities, limitations, and safety concerns; presented findings to the owner and executive stakeholders.

Glendale College

Student Ambassador

Glendale, CA

Sep 2024 – Jan 2026

- Designed an office-adopted QR-to-Excel intake workflow that improved student data reliability, reduced manual transcription, and supported customized outreach.
- Supported 100+ weekly student interactions and roughly two school visits per week, delivering enrollment presentations and application workshops and coordinating with counselors.

Skills & Interests

Programming: Python, SQL, R; Pandas, NumPy, scikit-learn, FastAPI; APIs, CSV/JSON, Git/GitHub

Analysis: Forecasting, feature engineering, model evaluation, data cleaning, missing-data handling, visualization

Tools: Microsoft Excel, PowerPoint, Word, Google Sheets, Tableau, Power BI

Languages: English (fluent); Spanish (California State Seal of Biliteracy)

Interests: FC Barcelona; Boston Celtics; New England Patriots; *The Wire*; Franklin's *Autobiography*; tacos