Harrison Stanton

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WORK EXPERIENCE

ESPN *Stats Analyst III (promoted from Stats Analyst II)*
July 2024-Present

- Owned pregame data quality and scheduling workflows for college baseball, ensuring accurate and timely fan-facing game information.
- Built Excel VBA automation tools to standardize externally sourced schedule data, reducing manual validation and preventing production errors.
- Developed a recurring post-round LPGA data validation tool used after every event to identify and correct scoring discrepancies before downstream use.
- Wrote SQL queries to identify data anomalies, including misclassified conference games and teams with unresolved TBA start times.
- Surfaced process inefficiencies through tooling and analysis, influencing discussions around future workflow redesign.

PERSONAL PROJECTS

Best Ball Fantasy Football Team Projections *March 2025 – December 2025*

- Developed a Monte Carlo-based projection model for best ball fantasy football leagues that outperformed Sleeper's projections during the 2025 NFL season, reducing forecasting error by 20.0% (MAE), 19.9% (RMSE), and 11.1% (MAPE).
- Reduced absolute projection error by roughly 4.9 points per team, per week compared to Sleeper projections, with statistically significant improvement validated via paired hypothesis testing ($p < 0.001$).
- Integrated roster management, injuries, and workload changes into weekly projections.

Running Back Analysis Dashboard *May 2024*

- Provided actionable insights for roster optimization and player valuation by visualizing the relative impact of high-value touches versus total touches through an interactive Shiny app.
- The Shiny app utilizes multi-tab navigation, dynamic filters, and visualizations. It incorporates regression trendlines and interactivity to reveal patterns in player efficiency, identify unsustainable scoring rates, and detect workload shifts after injuries.

EDUCATION

Wheaton College **Wheaton, IL**
B.S. in Applied Mathematics *August 2020 - May 2024*

- Cumulative GPA: 3.77
- NCAA Division III Baseball Player, Team Captain

ADDITIONAL INFORMATION

Programming languages: R, Excel VBA, SQL
Skills: Mental Math