European Football Leagues (2023-2025) Analysis Report

About Dataset

This project leverages a comprehensive data ecosystem, integrating historical match results (2023-2025) with real-time league standings across the European Big Five.

By merging static historical data with dynamic live updates, we built a robust foundation for a Machine Learning model.

The dataset was engineered to capture team momentum, defensive strengths, and 'Position Gap' dynamics, enabling us to predict 2026 match outcomes with an AI-driven confidence score

Overall Team Performance Across Three Seasons

Across the period from **2023 to 2025,**

Bayern Munich emerges as **the top-performing team** in terms of both total goals scored and total points accumulated across all analyzed seasons.

League Leaders by Total Points

La Liga (Spain)

Real Madrid records the highest total points across the three seasons.

Bundesliga (Germany)

Bayer Leverkusen leads the league in total points.

Premier League (England)

Manchester City records the highest total points.

Ligue 1 (France)

Paris Saint-Germain holds the highest total points.

Match Volume Across the Big Five Leagues

The total number of matches played across the European Big Five leagues between 2023 and 2025 reaches approximately

4.62K matches

Match Volume Across the Big Five Leagues

Analysis shows that

55%

of total goals were scored during **home matches.**

Tools

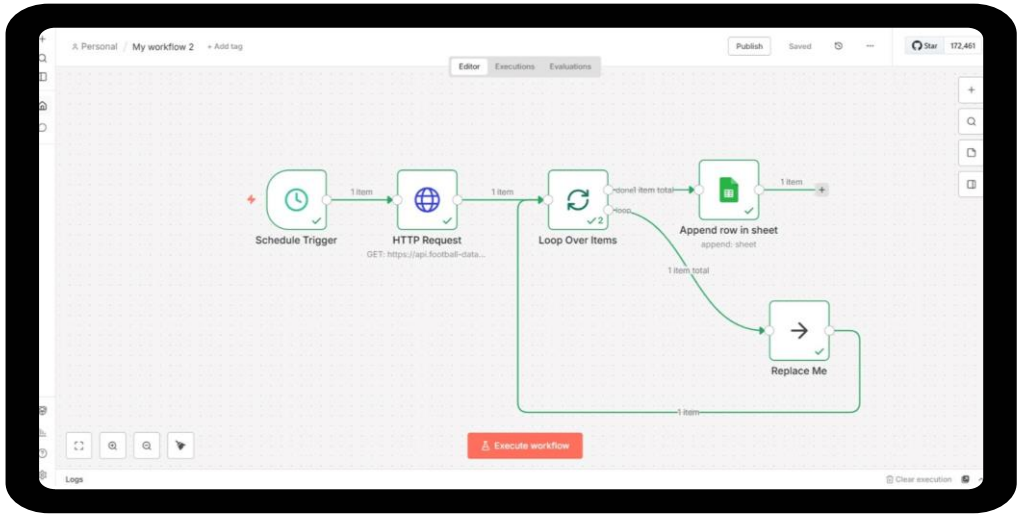
Prediction

We developed a predictive engine using the XGBoost algorithm, a state-of-the-art gradient boosting framework. By analyzing key features such as 'Position Gap' and 'GD Dynamics,' the model evaluates the relative strength of opponents to forecast 2026 outcomes with a data-driven approach.

The model achieved a **51%** accuracy rate, significantly outperforming random probability. Beyond simple predictions, it generates a 'Win Confidence Score' for every match. This allows us to categorize fixtures into 'High-Certainty' outcomes and 'High-Risk' upsets, providing deeper strategic insights.

Extract Data from API

N8N Workflow



Tools

Power BI

Contact us

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