U.P.E.

What is it?

- Web Application Built Around a Prediction engine for the AUDL
  - Team & Player Records From all past seasons
  - Weather Factors during previous games
- View Accurate Upcoming Game Predictions for the current season
- Create your Own Fantasy Matchups
  - Using Existing Teams
  - Form Custom teams from a vast list of AUDL players

Stats/Data

- Wins of each team
- Losses of each team
- Goals by player
- Assists each player gave
- How many throws were completed per game
- Average temperature per game
- Average wind per game
- Average precipitation per game
- Average humidity per game

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Behind the curtain

A Support Vector Machine (SVM) model using Scikit-learn API

The steps in using the SVM:

1. Gather the relevant information for the teams or players given
2. Tell the SVM the teams history in the right format. Give it time to think
3. Ask it who will win based on the given weather and game history

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