

Fantasy Team Selector

Using Gradio and XGBoost

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Interface Description

The interface is divided into two parts: **Input** and **Output**. It is built using **Gradio** and powered by a machine learning model trained using **XGBoost**.

The user needs to enter twenty-two player IDs in a comma-separated format along with the match date (in YYYY-MM-DD format). After clicking **Submit**, the app processes the input and returns the top 11 predicted players for that match.

Output Description

The output appears in a table format with the following columns:

- Player ID
- Name
- Team
- Opposite team
- Predicted Fantasy Score
- Actual Fantasy Score

These details are shown only for the **top 11 players** out of the 22 inputs, based on predicted performance. This allows the user to compare the model's predicted fantasy score with the actual fantasy performance.

Example screenshot

Fantasy Cricket Team Selector Application

Enter 22 player IDs, enter match date, and get the predicted best 11 players with fantasy points in tabular form.

Enter 22 Player IDs (comma-separated)

11752, 1927, 5910, 7059, 11390, 2038, 8341, 5627, 1328, 11268, 8883, 1980, 8982, 8924, 8456, 6958, 1245, 8356, 1762, 2104, 4714, 5771

Match Date (YYYY-MM-DD)

2024-10-30

Clear

Submit

output

Player ID	Name	Team	Opposite team	Predicted Points
8883	MD Bimenyima	Rwanda	Kenya	73.32984815673828
11752	H Ishimwe	Rwanda	Kenya	66.13565826416816
2104	Q Abel	Kenya	Rwanda	61.7066024169921875
8456	Rosine Irera	Rwanda	Kenya	46.443816852246094
11268	E Wachira	Kenya	Rwanda	42.81382751464844
1927	V Ooko	Kenya	Rwanda	42.72793197631836
4714	A Ikuzwe	Rwanda	Kenya	40.31047439575195
8356	A Wanjira	Kenya	Rwanda	37.7607387434082
2038	B Murekatete	Rwanda	Kenya	37.35204315185547
5910	C Uwase	Rwanda	Kenya	36.228782653888594
8341	G Ishimwe	Rwanda	Kenya	35.92742156982422

Flag

Use via API

Built with Gradio

Settings