

Fantasy Score Prediction

Using Gradio and XG-Boost

Interface Description:

It is divided into two parts; one is Input and other is where output gets displayed. It is made using Gradio and works on a model which used XG-Boost.

In this user needs to enter twenty-two player ids in a comma separated manner along with the match date in the specified column. Then on clicking Submit, it generates a list of player details.

Output Description:

A list is printed on the screen as the output. The list consists of five columns, namely, Player name, Player id, Player Team, Predicted Score, Actual Fantasy Score.

This list contains the details of the top 11 players out of that 22 for that match. It also shows how the model is comparing predicted score and actual score.

Here is the screenshot of an example on the API window.

Fantasy Team Selector

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

Enter 22 Player IDs (comma-separated)

dcce6f09,3a60e0b5,3355b542,c8f5f961,8b3e9c7c,b681e71e,2f49c897,f986ca1a,c03f1114,54e52590,dd7e9b3b,93b4fc78,0a8fce53,f9e6e7ef,ba607b88,acd62f5,a97c8ec2,8d2c70ad,3d8feaf8,ad3b6e95,ad427b5c,da934ee8

Match Date (YYYY-MM-DD)

2023-04-15

Clear Submit

output

unique_name	player_id	player_team	predicted_score	fantasy_score
F du Plessis	3355b542	Royal Challengers Bangalo	118.961524963378	118
Mohammed Siraj	2f49c897	Royal Challengers Bangalo	94.8758697509765	95
V Kohli	ba607b88	Royal Challengers Bangalo	94.4248951538086	95
GJ Maxwell	b681e71e	Royal Challengers Bangalo	91.3714523315429	92
WD Parnell	3a60e0b5	Royal Challengers Bangalo	83.1436843872878	83
DA Warner	dcce6f09	Delhi Capitals	69.0659408569336	69
HV Patel	f986ca1a	Royal Challengers Bangalo	55.9625434875488	56
MK Pandey	93b4fc78	Delhi Capitals	44.9631843566894	45
MR Marsh	3d8feaf8	Delhi Capitals	41.8973045349121	42
Mustafizur Rahm	0a8fce53	Delhi Capitals	30.0948448181152	30
PP Shaw	8b3e9c7c	Delhi Capitals	23.9655017852783	24

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