



PROJECT

2

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PROBLEM STATEMENT

Cricket lovers lack a comprehensive and user-friendly platform to compare different players, know overall statistics, and know ball-by-ball analysis. While there are various sources of cricket data available, there is no platform that provides a simple and intuitive interface for users to acknowledge the above aspects of cricket.



COMPETITION IN MARKET

Cricadium

Cricadium predicts IPL match outcomes by analyzing data from various sources using statistical analysis and machine learning. User-friendly interface with real-time updates.

Cricket Mazza

Cricket Mazza predicts IPL match outcomes using statistical analysis of player and team data with a user-friendly interface and real-time updates.

Dream11

Dream11 is a fantasy cricket app that uses statistical analysis of player and team data to create virtual teams for competition with a user-friendly interface.



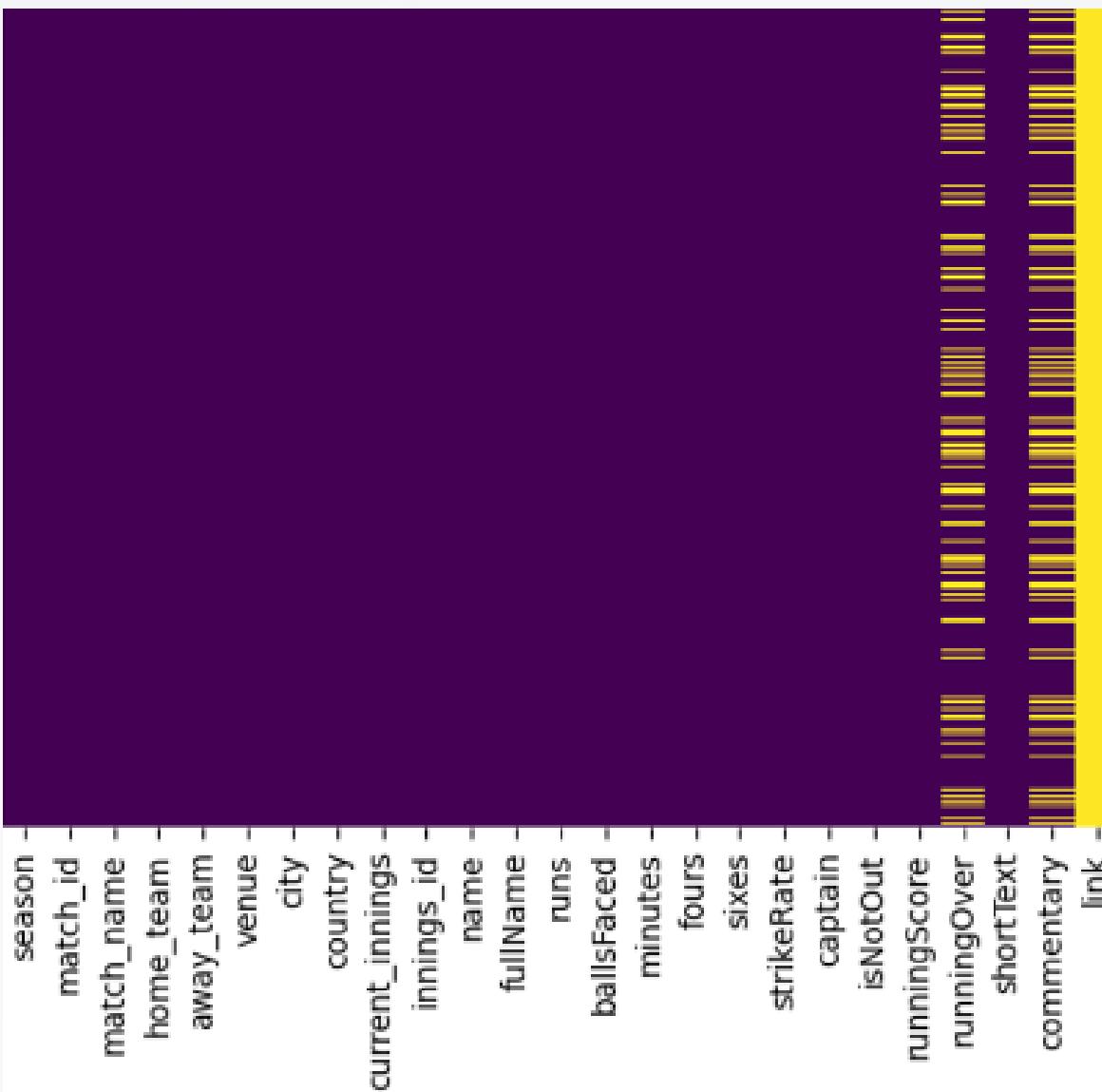
METHODOLOGY

ML CRISP-DM

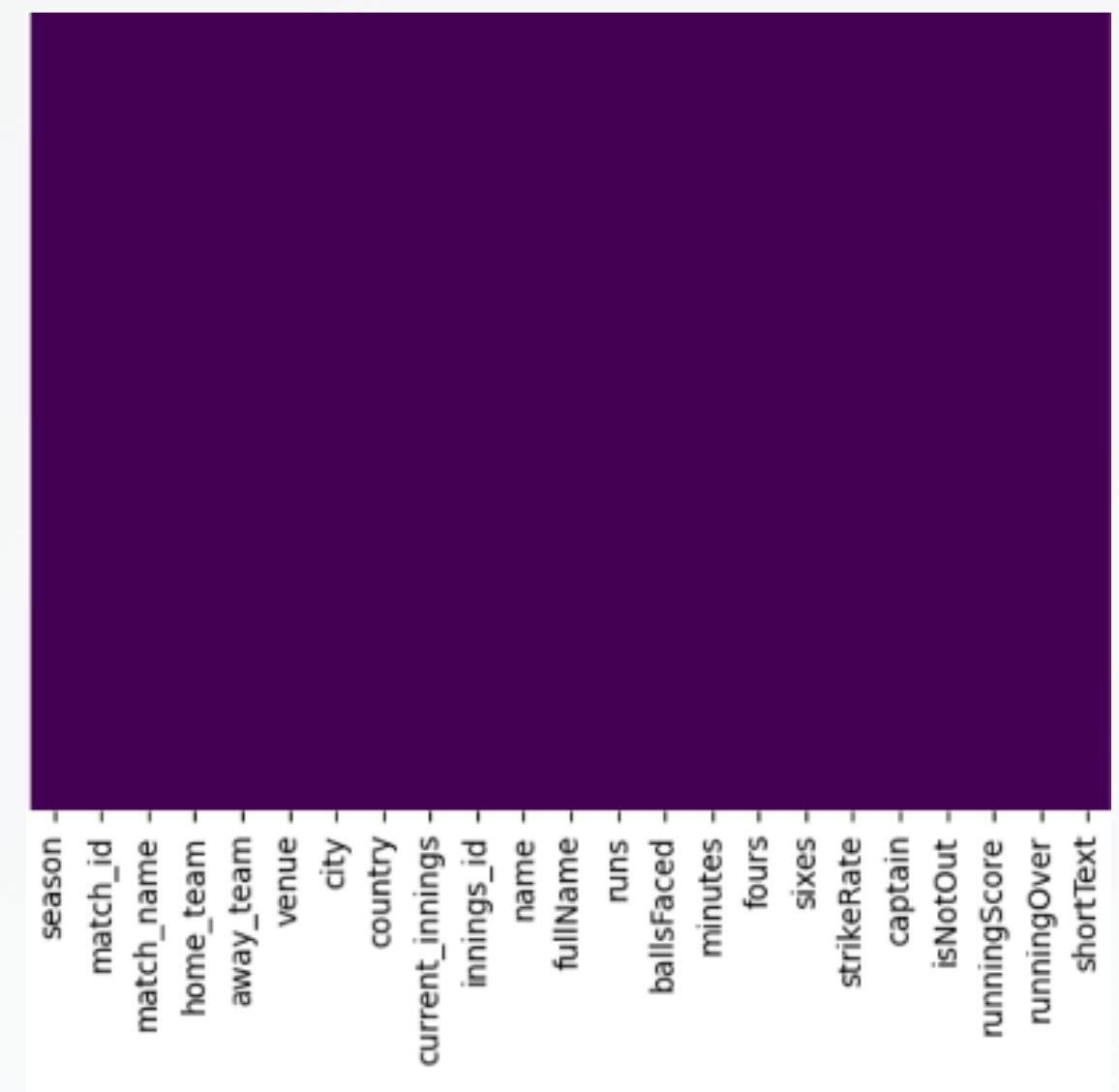
EDA

BATSMAN

- Graph showing the null values in the dataset



Graph showing that there are no null values after processing in the dataset



METHODOLOGY

ML CRISP-DM

EDA

BOWLER

Graph showing that there are no null values in the dataset

```
season -  
match_id -  
match_name -  
home_team -  
away_team -  
bowling_team -  
venue -  
city -  
country -  
innings_id -  
name -  
fullName -  
overs -  
maidens -  
conceded -  
wickets -  
economyRate -  
dots -  
foursConceded -  
sixesConceded -  
wides -  
noballs -  
captain -  
href -
```

METHODOLOGY

ML CRISP-DM

PCA

BATSMAN

WE HAVE TAKEN "X" AS BALLS AND "Y" AS RUNS .WE WILL BE PREDICTING THE RUNS BY NUMBER OF BALLS

BOWLER

WE HAVE TAKEN "X" AS BALLS AND "Y" AS CONCEDED RUNS.WE WILL BE PREDICTING THE RUNS BY THE NUMBER OF BALLS

METHODOLOGY

HCI - EXPERIMENTAL DESIGN

LEARNABILITY

The term "learnability" describes how simple a system is to learn to use.

SATISFACTION

Satisfaction among users is an indication of how well a system satisfies the requirements and expectations of the user

MEMORABILITY

The term "memorability" describes how simple it is to recall how to utilise a product once you have it.

EFFICIENCY

Efficiency is the ability of a user interface to enable quick and simple task completion.

ERROR PROTECTION

Error protection involves defending the user against hazardous circumstances and uncomfortable circumstances

UTILITY

Utility refers to the degree to which a computer system or interface is perceived to be useful and usable by its users.

METHODOLOGY

MAD

CAROUSEL_PRO

It is a Flutter package that provides a carousel slider widget that supports both network and asset images, can modify the UI according to your design easily.

STATEFUL_WIDGET

A StatefulWidget is a Flutter widget that allows you to create dynamic and interactive UI components that can change state over time

FUTURE

Future is a way to represent an asynchronous operation that may complete with a value or with an error.

Url Launcher is a Flutter plugin that allows you to launch any URL (Uniform Resource Locator) in the user's default browser, email or phone app from your Flutter app.

URL_LAUNCHER

BottomNavigationBar is a Flutter widget that displays a series of buttons or tabs at the bottom of the screen.

BOTTOM_NAGIVATION_BAR

METHODOLOGY MAD

ASYNC AND AWAIT

To make a function asynchronous, use the `async` keyword. Even if the function has not completed its execution, an `async` function returns a `Future` object immediately

`ListView.builder` is a Flutter widget that produces a scrollable list of things quickly.

LISTVIEW_BUILDER

CUPERTINO

Cupertino is a Flutter design language that mimics the look of Apple's iOS. Cupertino widgets use iOS-style design and give user interface features familiar to iOS users, such as buttons, selectors, and sliders.

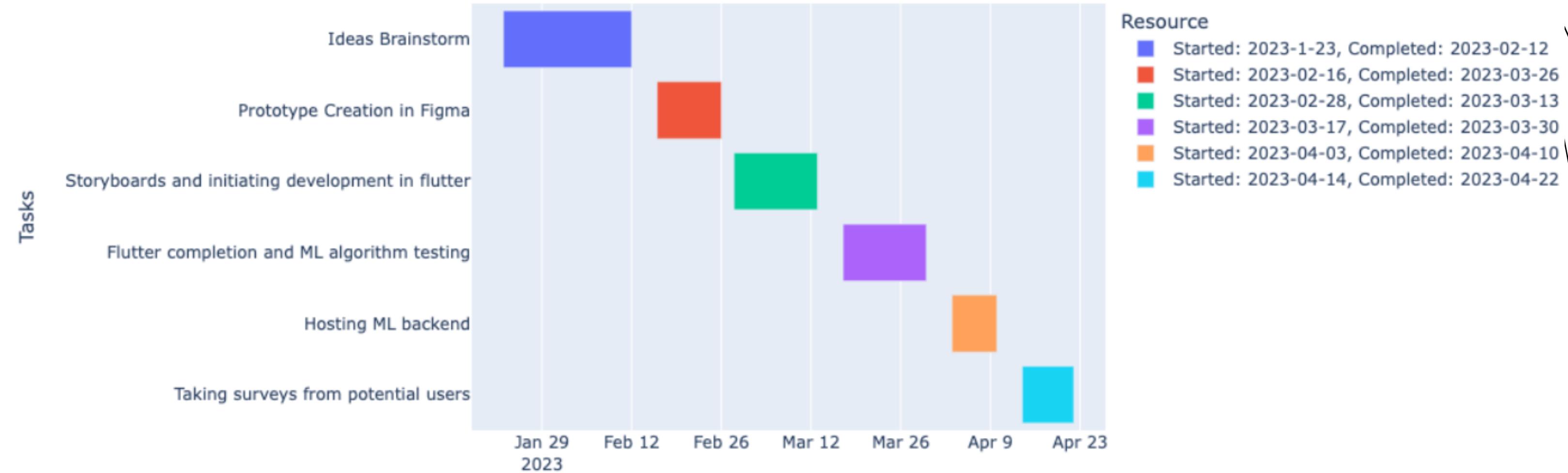
`httpOverrides` is a Flutter framework feature that allows you to override the HTTP client's default behaviour.

HTTP_OVERRIDES

ANIMATION_CONTROLLER

Flutter's `AnimationController` class allows you to control animations.

PROJECT MANAGEMENT

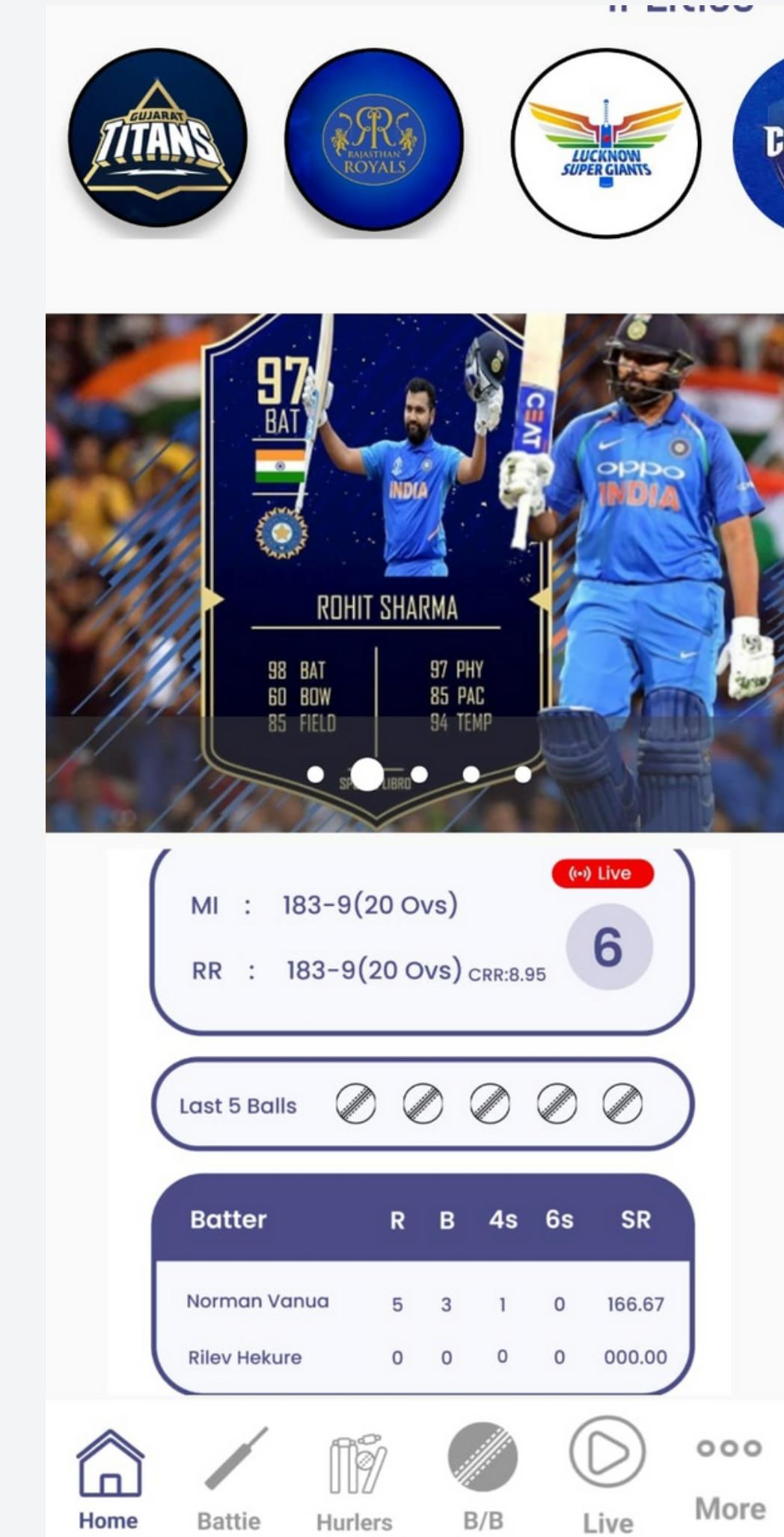


The team did a SWOT analysis of their members to assign tasks based on their strengths and weaknesses for their cricket prediction app. But realized this would not allow anyone to learn new skills. We did reverse team-ups for each task, resulting in efficient work and learning from each other's experiences.

RESULTS

USABILITY EVALUATION

EVALUATION CRITERIA	RATING
LEARNABILITY	4.1
EFFICIENCY	4.08
MEMORABILITY	4.04
ERROR PROTECTION	3.97
SATISFACTION	4
UTILITY	4.18



ML RESULTS

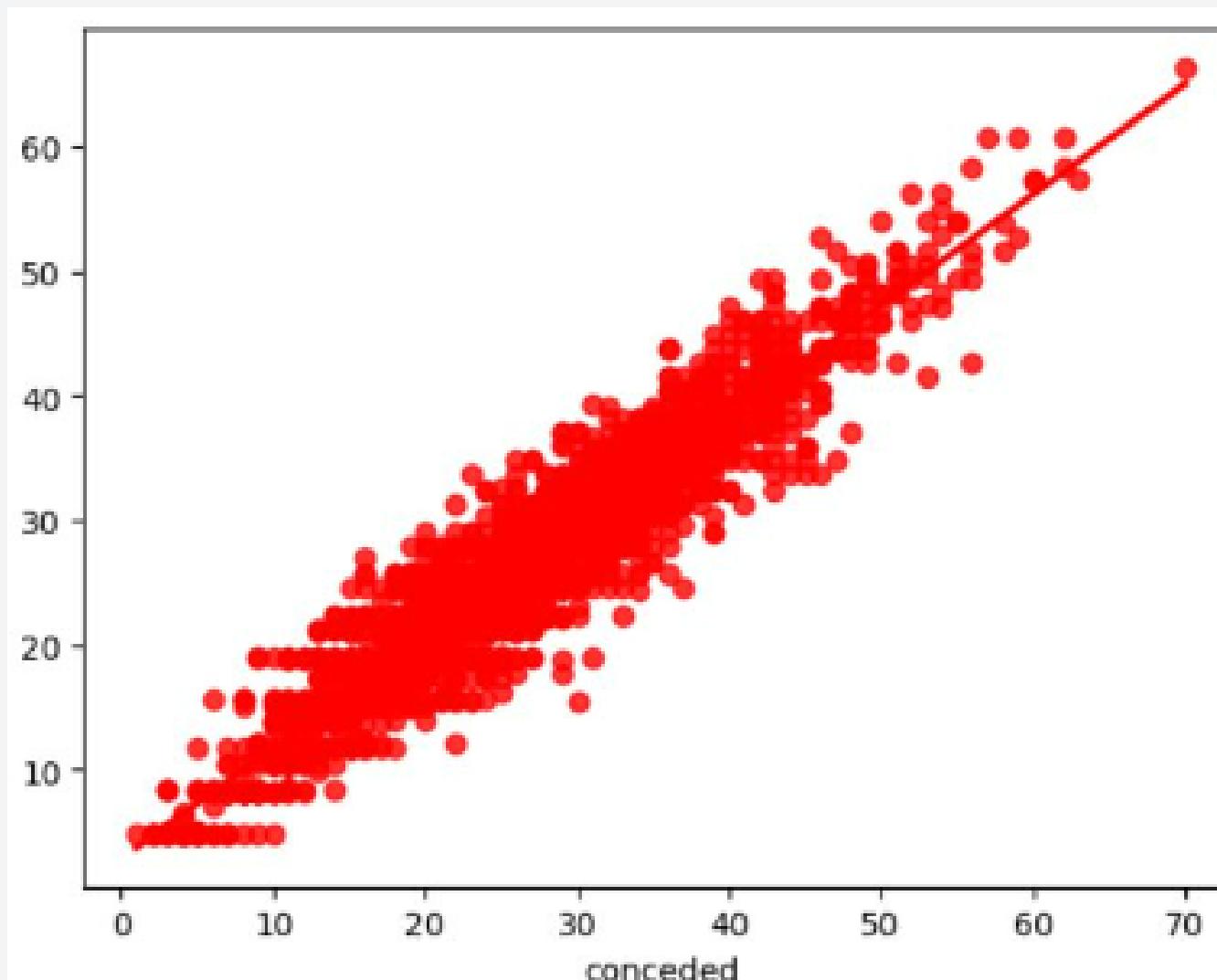
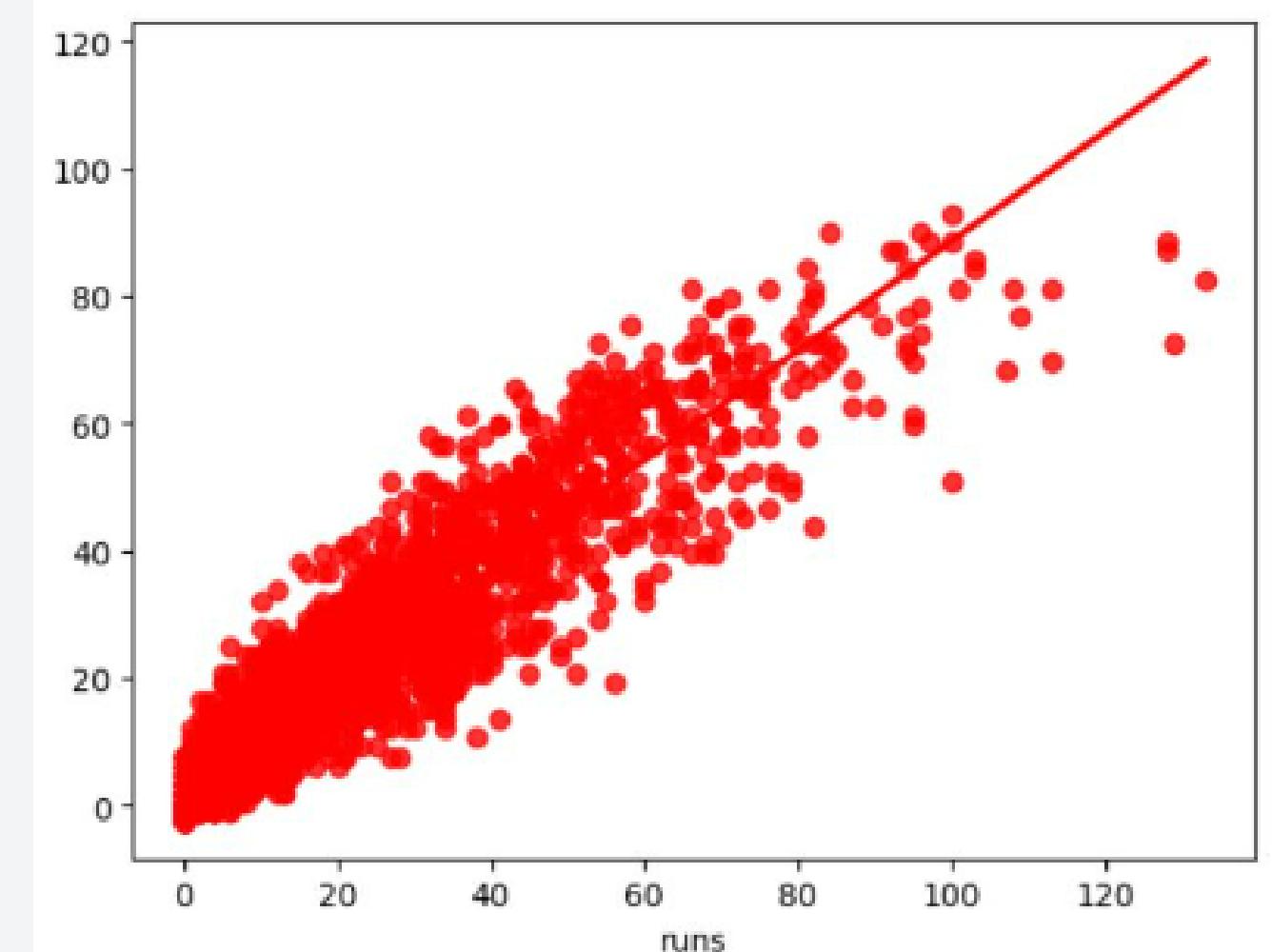
BATSMAN DEMOGRAPHIC

MODEL ACCURACY:-

KNN: 0.9736

Linear Regression: 0.9806

Random Forest: 0.9757



BOWLER DEMOGRAPHIC

Model Accuracy:

KNN: 0.2241

Linear Regression: 0.3507

Random Forest: 0.3640

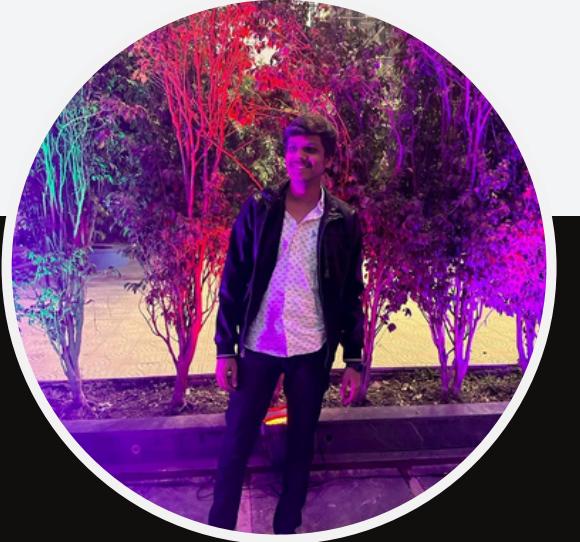
DEMO

<https://www.figma.com/file/17ZD23vDFKLr8LQIC7yKw0/Project-2>

https://drive.google.com/drive/folders/1SyK6wx4bjpWkWd_7kvO2AUi3YTxTJhOj?usp=sharing



OUR TEAM



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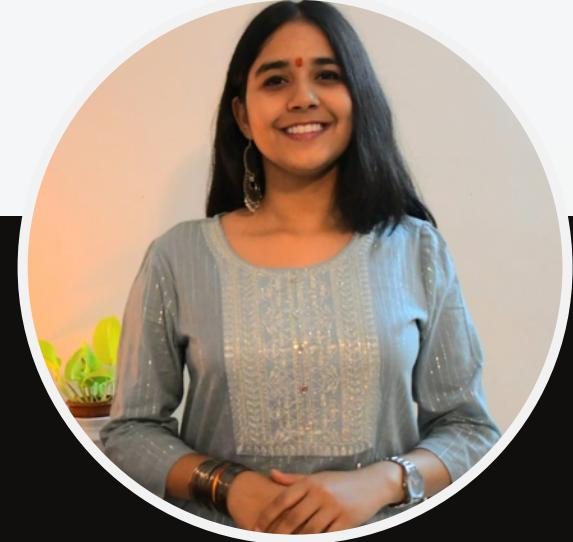
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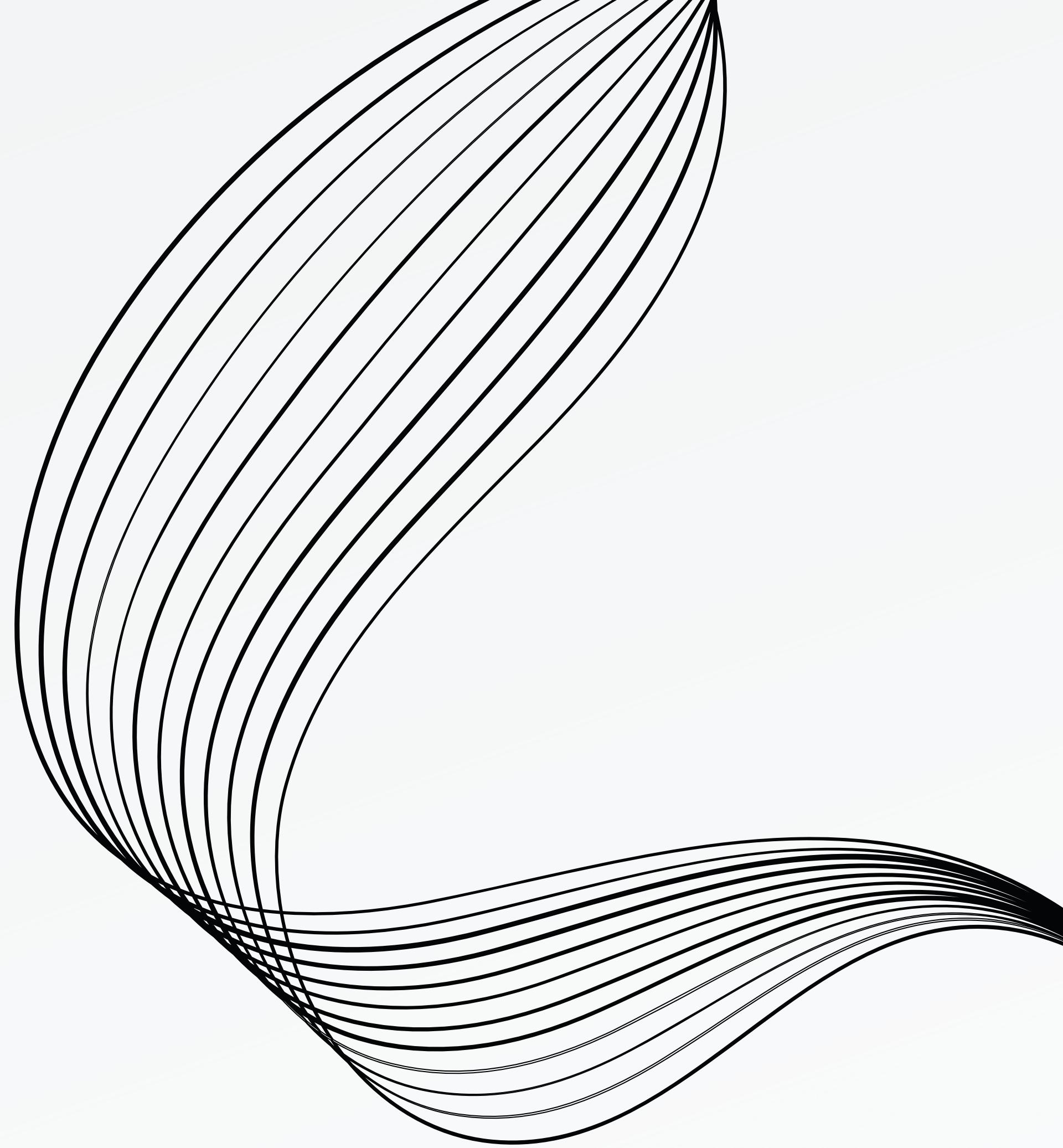


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RAO
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THANK YOU



IPLitics

Live

Kolkata Knight Riders Inning 1 : 175-8(20 Ovs)

Sunrisers Hyderabad Inning 1 : 176-3(17.5 Ovs)

Toss Winner Sunrisers Hyderabad

Toss Choice bowl

Batter	R	B	4s	6s	SR
Venkatesh Iyer	6	13	1	0	46.15
b T Natarajan					

Bowler	O	R	W	NB	WD	ECO
Bhuvneshwar Kumar	4	37	1	0	1	9.2

[More](#)

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IPLitics

Bowler Demographic

Select Team 1

CSK

RCB

DC

GT

LSG

[More](#)

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IPLitics

Batsman Demographic

Select Batsman

Ruturaj Gaikwad
Batsman

Devon Conway
Batsman

Moeen Ali
All Rounder

Chris Jordan
Bowler

Ambati Rayudu
Batsman/Wicket Keeper

[More](#)

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Batsman Demographic

Team 1 CSK
Batsman Ruturaj Gaikwad

Team 2 KKR
Accuracy cant say

Balls	Runs
30	39
60	85
90	132
120	178



IPLitics

KKR vs CSK

BHARAT ARMY

ODIs	Captaincy Record	T20Is
95	Matches	50
65	Won	32
70.4	Win%	64
v 🇲 in Trinidad Jul 5, 2023	First Win	v 🇮🇳 in Nagpur Jan 29, 2017
v 🇮🇳 in Pune Nov 20, 2022	Last Win	v 🇮🇳 in Dubai Nov 8, 2021
5449 at		1570 at

LIVE

- Kolkata Knight Riders Inning 1 : 175-8(20 Ovs)
- Sunrisers Hyderabad Inning 1 : 176-3(17.50 Ovs)

Toss Winner Sunrisers Hyderabad
Toss Choice bowl

Home Battle Hurlers B/B Live More

III O <



OUR CULTURE

TEAMWORK MAKES THE DREAM WORK

"Our culture serves as the jersey that binds our team together within IPLitics. Also, our strategy is what will keep our expansion going."



OUR

Meet the people who empower every player to perform their best.



Ridit



Akshay



Priyansh



Akshat



Aditi



Runishka



Ashi



Lavanya



Vishav



Prashant



Our Vision

Enhancing SPORTS

"We are happy to continuously provide the most cutting-edge offerings to our expanding community of ardent sports enthusiasts and to contribute to the overall growth of the Indian sports ecosystem."