

# **Cricket Analytics with R**

Samrit Pramanik

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# Preface

This is a Quarto book on Cricket Analytics with application in R.

Like all other Indian boys, in my childhood, cricket was more than just a game, it is a profound emotion, a way of life, and an unrestrained source of happiness.

# 1 Warming Up

Data Collection

To know the game of cricket, you need to know the history, when and how it was started.

## 2 Data Collection and Sources

There are lot of data sources available online to get started our analysis.

Here, we will mainly focus on the ball-by-ball data so that we can achieve the insights from more granular level.

We will be using open source data from [cricsheet.com](https://cricsheet.com).

### 2.1 Data Description

# 3 Powerplay

Data Cleaning and Wrangling

## 4 The Cricket Data

Cricket data is not so clean at when it was extracted from the database. Most of them are ball by ball on different formats such as T20I, ODI, Test, IPL, CPL etc.