Introduction

I am thrilled to introduce my personal project, the "Cricket Data Saver Software," a testament to my passion for cricket and my commitment to simplifying the way cricket data is managed and analyzed. As a sole developer, this project represents my journey into the fascinating world of sports analytics and software development.

The "Cricket Data Saver Software" is a product of countless hours of dedication and learning. It offers cricket enthusiasts, analysts, and teams a comprehensive solution for handling cricket-related data efficiently. It allows users to capture real-time match data, create and manage player profiles, and conduct in-depth team performance analysis. With a user-friendly interface and customizable alerts, the software aims to cater to a wide range of users, regardless of their technical expertise.

Throughout this project, I've leveraged Python and its libraries to create a robust and intuitive application. I believe that this software will contribute significantly to the cricket community by simplifying data management and fostering a deeper understanding of the game.

Join me on this exciting journey as I unveil the "Cricket Data Saver Software," born out of passion and driven by the desire to make cricket data accessible and meaningful to all. Together, we can unlock new dimensions in cricket analysis.

Sincerely,

[Mohammad Sarfraj]
[17 SEPTEMBER 2023]

Acknowledgement

I want to express my heartfelt gratitude for the successful completion of the "Cricket Data Saver Software" project, which was a solo endeavor. While this project may have been a one-person effort, it would not have been possible without the support and resources of various individuals and entities.

I extend my thanks to the open-source community and the developers of Python and its libraries, whose work provided the essential tools and frameworks for this project.

I appreciate the cricket enthusiasts, analysts, and teams who indirectly contributed to this project through their passion for the sport and the need for efficient data management.

Lastly, I want to acknowledge my friends and family for their encouragement and understanding during the long hours of development.

This project represents a personal journey to simplify cricket data management, and I am excited to share the "Cricket Data Saver Software" with the world, thanks to the collective efforts of the broader community. Your support and inspiration have been invaluable.

With gratitude,

[Mohammad Sarfraj]
[17 SEPTEMBER 2023]

<u>Conclusion</u>

In conclusion, the "Cricket Data Saver Software" project represents a significant milestone in the world of cricket data management and analysis. This solo endeavor has been a labor of passion and dedication, aimed at simplifying the complexities of cricket statistics for enthusiasts, analysts, and teams.

Throughout this journey, we've harnessed the power of Python and leveraged the contributions of the open-source community to create a robust and user-friendly software. It offers real-time data capture during matches, supports detailed player profiles, facilitates team performance analysis, and provides data export options for accessibility and backup.

As we wrap up this project, I want to express my gratitude to all who indirectly contributed to its success – the cricket community, developers, friends, and family. Your support has been invaluable.

With the "Cricket Data Saver Software," we hope to enhance the way cricket data is understood and utilized, ultimately enriching the experience of this beloved sport. This project marks the beginning of an exciting chapter in cricket data analysis, and I look forward to its continued growth and impact in the world of cricket. Thank you all for being part of this journey.

Sincerely,

[Mohammad Sarfraj]
[17 SEPTEMBER 2023]

Little Flower School Harraiya

Session 2023-2024
Subject:- Computer Science

PROJECT ON

CRICKET SCORE DATA MANAGEMENT SOFTWARE

Submitted To :-
Bhanu Pratap

Submitted By:-
Mohammad Sarfraj
Class XI 'A'
Roll No. 32 (7)

Index

```
bowl=0
sbowl=0
srun=0
so=" "
sw=0
bbowl=0
brun=0
bo=" "
bw=0
rrun=0
rbowl=0
barun=0
babowl=0
sindov=0
bindov=0
pakrun=0
pakball=0
babounf=0
babouns=0
rbounf=0
rbouns=0
sdot=0
bdot=0
ov=3
i=0
indov=0
target=0
j=0
shrun=0
shbowl=0
shdot=0
shpakov=0
pakov=0
nbowl=0
ndot=0
npakov=0
nrun=0
pakbowl=0
vrun=0
vbowl=0
vbounf=0
vbouns=0
robowl=0
rorun=0
robounf=0
robouns=0
indrun=0
indball=0
overr=3
indovv=0
pakovv=0
sho=""
shw=0
w='(w)'
t=','
no=""
nw=0
j=0
i=0
indw=0
pakw=0
```

```
ground=(input("enter the ground: "))
print("live from",ground)
print("**pak won the toss and will bowl first**")
print("choose")
print("   1 for bowling of shaheen afridi")
print("   2 for bowling of naseem shah")
print("   1 for batting of rohit sharma")
print("   2 for batting of virat kohli ")
while j<3 and indw<2:
    bowler= int(input("enter the bowler number: "))
    batter=int(input("enter the batter number: "))
    bowl=1
    impact=int(input ("enter the impact: "))
    if bowler==1:
        shbowl+=bowl
        shrun+=impact
        if impact>0:
            sho+=str(impact)
            sho+=t
        elif impact==0:
            shdot+=1
            wick=int(input("enter another impact:"))
            if wick==10:
                print("wicket")
                sho+=str(w)
                sho+=t
                shw+=1
            elif wick==0:
                sho+=str(impact)
                sho+=t

        print("this over so far:-",sho," ")
        print()
        print("shaheen  :",shrun,"(", (shbowl*0.10)%0.6,")")
        print("wickets:-",shw)

        if shbowl==6:
            shpakov+=1
            print("over finished by shaheen:-",shpakov)
            print("runs conceded this over:-",shrun)
            pakov+=shpakov
            print("over deliverd by pak:-",shpakov)
            print("over reamins:-",overr-pakov)
            shbowl=0
            sho=""
    elif bowler==2:
        nbowl+=bowl
        nrun+=impact
        if impact>0:
            no+=str(impact)
            no+=t
        elif impact==0:
            shdot+=1
            wick=int(input("enter another impact:"))
            if wick==10:
                print("wicket")
                no+=str(w)
                no+=t
                nw+=1
            elif wick==0:
                no+=str(impact)
```

```
            no+=t
        print("this over so far:-",no," ")
        print("naseem :",nrun,"(", (nbowl*0.10)%0.6,")")
        print("wickets:-",nw)
        print()
        if nbowl==6:
            npakov=nbowl/6
            npakov+=1
            print("over finished by naseem",npakov)
            print(nrun,"runs conceded this over")
            pakov+=npakov
            print("over deliverd by pak",pakov)
            print("over reamains:-",overr-pakov)
            no=""
            nbowl=0
    if batter==1:
        vbowl+=bowl
        if impact==4:
            vbounf+=1
            print("boundary four")
            vrun+=impact
        elif impact==6:
            vbouns+=1
            vrun+=impact
            print("six")
        elif impact==1:
            vrun+=impact
        elif impact==2:
            vrun+=impact
        elif impact==3:
            vrun+=impact
        elif impact==5:
            vrun+=impact
        elif impact==0:
            vrun+=impact
            if wick==10:
                print("wicket")
                if bowler==1:
                    print("wicket by shaheen")
                elif bowler==2:
                    print("wicket by naseem")
                print("runs made",vrun)
                print("batter:virat kohli")
                print("bowl played",vbowl)
                vstrike=(vrun/vbowl)*10
                print("strike rate:-",vstrike)
                print("fours",
vbounf)
                print("sixes"
,vbouns)
                print()
    elif batter==2:
        robowl+=bowl
        if impact==4:
            robounf+=1
            rorun+=impact
            print("boundary four")
        elif impact==6:
            robouns+=1
            rorun+=impact
            print("six")
```

```python
    elif impact==1:
        rorun+=impact
    elif impact==2:
        rorun+=impact
    elif impact==3:
        rorun+=impact
    elif impact==5:
        rorun+=impact
    elif impact==0:
        rorun+=impact
    if wick==10:
        print("wicket")
        if bowler==1:
            print("wicket by shaheen")
        elif bowler==2:
            print("wicket by naseem")
        print("wicket")
        print("batter: rohit sharma")
        print("runs made",rorun)
        print("bowl played", robowl)
        rostrike=(rorun/robowl)*100
        print("strike rate:-",rostrike)
        print("fours",
        robounf)
        print("six",
        robouns)
        print()
print("kohli:-",vrun,"(",vbowl,")")
print("rohit:-",rorun,"(",robowl,")")
indrun=vrun+rorun
indball=robowl+vbowl
if indball>5 and indball<12:
    pakovv+=1
elif indball>11 and indball<18:
    pakovv+=2
elif indball>17 and indball<24:
    pakovv+=3
print("ind:",indrun,"(",indball,")")
print("pak overs completed",pakovv)
target=indrun+1
print()
print("*****************")
pakovv=0
j=int(pakov)
indw=shw+nw
pakw=sw+bw
if indw==2:
    print("all out")
print("batter:virat kohli")
print("runs made",vrun)
print("bowl played",vbowl)
print("fours",vbounf)
print("six",vbouns)
vstrike=(vrun/vbowl)*100
print("strike rate:-",vstrike)
print()
print("batter: rohit sharma")
print("runs made",rorun)
print("bowl played", robowl)
rostrike=(rorun/robowl)*100
print("strike rate:-",rostrike)
```

```
print("fours",robounf)
print("six",robouns)
print()
pakdocom=((shbowl+nbowl)*0.10)
pakdocom%=0.6
print(" this over completed",pakdocom)
print()
print("shaheen afridi")
print("overs",shpakov)
print("balls",shbowl)
print("runs conceded",shrun)
print("wickets",shw)
print("dots",shdot)
print()

print("nasheem shah")
print("overs",npakov)
print("balls ",nbowl)
print("runs conceded",nrun)
print("wickets",nw)
print("dots",ndot)
print()
print("*****************")
print()
print("****it's time for run chase****")
print("target for pak is:",indrun+1)
print("choose")
print("  1 for bowling of mohammad shami")
print("  2 for bowling of  jasprit bumrah")
print("  1 for batting of muhammad rizwan")
print("  2 for batting of babar azam ")
while i<3 and pakw<2:
    bowler= int(input("enter the bowler number: "))
    batter=int(input("enter the batter number: "))
    bowl=1
    impact=int(input ("enter the impact: "))
    if bowler==1:
        sbowl+=bowl
        srun+=impact
        if impact>0:
            so+=str(impact)
            so+=t
        elif impact==0:
            sdot+=1
            wick=int(input("enter another impact:"))
            if wick==10:
                print("wicket")
                so+=str(w)
                so+=t
                sw+=1
            elif wick==0:
                so+=str(impact)
                so+=t
        print()
        print("this over so far:-",so," ")
        print("shami :",srun,"(", sbowl,")")
        print("wickets:-",sw)
        print()
        if sbowl==6:
            sindov=sbowl/6
            print("over finished by shami:-",sindov)
```

```python
            print("runs conceded this over:-",srun)
            indov+=sindov
            print("over deliverd by india:-",indov)
            print("over reamins:-",ov-indov)
            so=""
    elif bowler==2:
        bbowl+=bowl
        brun+=impact
        if impact>0:
            bo+=str(impact)
            bo+=t
        elif impact==0:
            bdot+=1
            wick=int(input("enter another impact:"))
            if wick==10:
                print()
                print("wicket")
                bo+=str(w)
                bo+=t
                bw+=1
            elif wick==0:
                bo+=str(impact)
                bo+=t
        print("this over so far:-",bo," ")
        print("wickets:-",bw)
        print("bumrah  :",brun,"(", bbowl,")")
        print("wickets:-",bw)
        print()
        if bbowl==6:
            bindov=bbowl/6
            print("over finished by jasprit bumrah",bindov,)
            print(brun,"runs conceded this over")
            indov+=bindov
            print("over deliverd by india",indov)
            print("over reamins:-",ov-indov)
            bo=""
    if batter==1:
        rbowl+=bowl
        if impact==4:
            rbounf+=1
            rrun+=impact
            print("boundary four")
        elif impact==6:
            rbouns+=1
            rrun+=impact
            print("six")
        elif impact==1:
            rrun+=impact
        elif impact==2:
            rrun+=impact
        elif impact==3:
            rrun+=impact
        elif impact==5:
            rarun+=impact
        elif impact==0:
            rrun+=impact
            if wick==10:
                if bowler==1:
                    print("wicket by shami")
                elif bowler==2:
                    print("wicket by bumrah")
```

```python
            print("wicket")
            print("batter: mohammad rizwan")
            print("runs made",rrun)
            print("bowl played", rbowl)
            rstrike=(rrun/rbowl)*100
            print("strike rate:-",rstrike)
            print("fours",
rbounf)
            print("six",rbouns)
            print()
        elif wick==0:
            rrun+=impact
    elif batter==2:
      babowl+=bowl
      if impact==4:
        babounf+=1
        barun+=4
        print("boundary four")
      elif impact==6:
        babouns+=1
        barun+=6
        print("six")
      elif impact==1:
        barun+=impact
      elif impact==2:
        barun+=impact
      elif impact==3:
        barun+=impact
      elif impact==5:
        barun+=impact
      elif impact==0:
        barun+0
        if wick==10:
          print("wicket")
          print("batter:babar azam")
          print("runs made",barun)
          print("bowl played", babowl)
          bastrike=(barun/babowl)*100
          print("strike rate:-",bastrike)
          print("fours",babounf)
          print("six",babouns)
          print()
          if bowler==1:
            print("wicket by shami")
          elif bowler==2:
            print("wicket by bumrah")
            print()
        elif wick==0:
          barun+=impact
    pakrun=barun+rrun
    pakball=rbowl+babowl
    pakw=sw+bw
    if pakball>5 and pakball<12:
      indovv+=1
    elif pakball>12 and pakball<18:
      indovv+=2
    elif pakball==18 and pakball<24:
      indovv+=3
    print("pak:",pakrun,"(",pakball,")")
    indovv=0
    print("rizwan",rrun,
```

```
"(",rbowl,")")
   print("babar",barun,"("
,babowl,")")
   print()
   tneedball=ov*6
   pakrun=barun+rrun
   tneedball=tneedball-pakball
   tg=target-pakrun
   print()
   print("ind overs completed:",indovv)
   if tg>=0:
      print("pak needs:",tg,"in",tneedball,"balls")
      print()
   elif pakrun==target:
      print("pak won by 10 wickets")
   elif pakrun>target:
      print("pak won by 10 wickets")
      if barun>rrun:
         print("man of the match babar azam")
         print("babar azam")
         print("strike rate",(barun/babowl)*100)
         print("boundary four",babounf)
         print("boundary six",babouns)
         print("runs made",barun)
         print("balls played",babowl)

      elif rrun>barun:
         print("man of the match:- mohammed rizwan")
         print()
         print("runs made:-",rrun)
         print("balls played:-",rbowl)
         print("boundary six:-",rbouns)
         print("boundary four:-",rbounf)
         print("strike rate:-",(rrun/rbowl)*100)
      print(tneedball,"ball remaining")
      print("pakruns:"
,pakrun)
   if indov==2 or pakw==2:
      if pakrun<target:
         print("ind won the match by",target-pakrun,"runs")
         if sw>bw:
            print("man of the match mohammad shami")
            print("bowls delived:",sbowl)
            print("wickets",sw)
            print("runs conceeded:",srun)
            print("dot balls",sdot)

         elif bw>sw:
            print("man of the match jasprit bumrah")
            print("bowls delived:",bbowl)
            print("runs conveeded:",brun)
            print("dots balls",bdot)

   print()
   print("*****************")
   indov=sindov+bindov
   i=indov
print("batter:-babar azam")
print("runs made",barun)
print("bowl played",babowl)
print("fours",babounf)
```

```python
print("six",babouns)
bastrike=(barun/babowl)*100
print("strike rate:-",bastrike)
print()
print("batter: muhammad rizwan")
print("runs made",rrun)
print("bowl played", rbowl)
rstrike=(rrun/rbowl)*100
print("strike rate:-",rstrike)
print("fours",rbounf)
print("six",rbouns)
print()
print()
print("mohammad shami")
print("overs",sindov)
print("balls",sbowl)
print("runs conceded",srun)
print("wickets",sw)
print("dots",sdot)
print()

print("jaspreet bumrah")
print("overs",bindov)
print("balls",bbowl)
print("runs conceded",brun)
print("wickets",bw)
print("dots",bdot)
```

Enter The Ground:
MCG
Live From MCG
Pak Won The Toss And Will Bowl First
Choose
  1 For Bowling Of Shaheen Afridi
  2 For Bowling Of Naseem Shah
  1 For Batting Of Rohit Sharma
  2 For Batting Of Virat Kohli
Enter The Bowler Number:
1
Enter The Batter Number:
2
Enter The impact:
4
This Over So far:- 4,

Shaheen : 4 (0.1)
Wickets:- 0
Boundary Four
Kohli:- 0 (0)
Rohit:- 4 (1)
Ind: 4 (1)
Pak Overs Completed 0

■ ■
Enter The Bowler Number:
1
Enter The Batter Number:
2
Enter The impact:
6
This Over So far:- 4,6,

Shaheen : 10 (0.2)
Wickets:- 0
Six
Kohli:- 0 (0)
Rohit:- 10 (2)
Ind: 10 (2)
Pak Overs Completed 0

■ ■
Enter The Bowler Number:
1
Enter The Batter Number:
1
Enter The impact:
6
This Over So far:- 4,6,6,

Shaheen : 16 (0.30000000000000004)
Wickets:- 0
Six
Kohli:- 6 (1)
Rohit:- 10 (2)
Ind: 16 (3)
Pak Overs Completed 0

■ ■
Enter The Bowler Number:
1
Enter The Batter Number:

1
Enter The impact:
0
Enter Another Impact:
0
This Over So far:- 4,6,6,0,

Shaheen : 16 (0.4)
Wickets:- 0
Kohli:- 6 (2)
Rohit:- 10 (2)
Ind: 16 (4)
Pak Overs Completed 0

. . . .
Enter The Bowler Number:
1
Enter The Batter Number:
2
Enter The impact:
0
Enter Another Impact:
0
This Over So far:- 4,6,6,0,0,

Shaheen : 16 (0.5)
Wickets:- 0
Kohli:- 6 (2)
Rohit:- 10 (3)
Ind: 16 (5)
Pak Overs Completed 0

. . . .
Enter The Bowler Number:
1
Enter The Batter Number:
1
Enter The impact:
0
Enter Another Impact:
10
Wicket
This Over So far:- 4,6,6,0,0,(w),

Shaheen : 16 (1.1102230246251565e-16)
Wickets:- 1
Over Finished by Shaheen:- 1
Runs Conceded This Over:- 16
Over Deliverd By Pak:- 1
OVER REAMINS:- 2
Wicket
Wicket By Shaheen
Runs Made 6
Batter:Virat Kohli
Bowl Played 3
STRIKE RATE:- 20.0
Fours 0
Sixes 1

Kohli:- 6 (3)
Rohit:- 10 (3)
Ind: 16 (6)

Pak Overs Completed 1

▪▪▪

Enter The Bowler Number:
2
Enter The Batter Number:
2
Enter The impact:
1
This Over So far:- 1,
Naseem : 1 (0.1)
Wickets:- 0

Kohli:- 6 (3)
Rohit:- 11 (4)
Ind: 17 (7)
Pak Overs Completed 1

▪▪▪

Enter The Bowler Number:
2
Enter The Batter Number:
2
Enter The impact:
0
Enter Another Impact:
10
Wicket
This Over So far:- 1,(w),
Naseem : 1 (0.2)
Wickets:- 1

Wicket
Wicket By Naseem
Wicket
Batter: Rohit Sharma
Runs Made 11
Bowl Played 5
STRIKE RATE:- 220.00000000000003
Fours 1
Six 1

Kohli:- 6 (3)
Rohit:- 11 (5)
Ind: 17 (8)
Pak Overs Completed 1

▪▪▪

All Out
Batter:Virat Kohli
Runs Made 6
Bowl Played 3
Fours 0
Six 1
STRIKE RATE:- 200.0

Batter: Rohit Sharma
Runs Made 11
Bowl Played 5
STRIKE RATE:- 220.00000000000003
Fours 1
Six 1

This Over Completed 0.2

Shaheen Afridi
Overs 1
Balls 0
Runs Conceded 16
Wickets 1
Dots 4

Nasheem Shah
Overs 0
Balls 2
Runs Conceded 1
Wickets 1
Dots 0

▪▪▪

****It's Time For Run Chase****
Target For Pak is: 18
Choose
   1 For Bowling Of Mohammad Shami
   2 For Bowling Of Jasprit Bumrah
   1 For Batting Of Muhammad Rizwan
   2 For Batting Of Babar Azam
Enter The Bowler Number:
1
Enter The Batter Number:
1
Enter The impact:
6

This Over So far:- 6,
Shami : 6 (1)
Wickets:- 0

Six
Pak: 6 (1)
Rizwan 6 (1)
Babar 0 (0)

Ind Overs Completed: 0
Pak Needs: 12 in 17 Balls

▪▪▪
Enter The Bowler Number:
1
Enter The Batter Number:
2
Enter The impact:
6

This Over So far:- 6,6,
Shami : 12 (2)
Wickets:- 0

Six
Pak: 12 (2)
Rizwan 6 (1)
Babar 6 (1)

Ind Overs Completed: 0
Pak Needs: 6 in 16 Balls

....

Enter The Bowler Number:
1
Enter The Batter Number:
1
Enter The impact:
0
Enter Another Impact:
0

This Over So far:- 6,6,0,
Shami : 12 (3)
Wickets:- 0

Pak: 12 (3)
Rizwan 6 (2)
Babar 6 (1)

Ind Overs Completed: 0
Pak Needs: 6 in 15 Balls

....

Enter The Bowler Number:
1
Enter The Batter Number:
1
Enter The impact:
0
Enter Another Impact:
10
Wicket

This Over So far:- 6,6,0,(w),
Shami : 12 (4)
Wickets:- 1

Wicket By Shami
Wicket
Batter: Mohammad Rizwan
Runs Made 6
Bowl Played 3
STRIKE RATE:- 200.0
Fours 0
Six 1

Pak: 12 (4)
Rizwan 6 (3)
Babar 6 (1)

Ind Overs Completed: 0
Pak Needs: 6 in 14 Balls

....

Enter The Bowler Number:
1
Enter The Batter Number:
2
Enter The impact:
0
Enter Another Impact:
10
Wicket

This Over So far:- 6,6,0,(w),(w),
Shami : 12 (5)
Wickets:- 2

Wicket
Batter:Babar Azam
Runs Made 6
Bowl Played 2
STRIKE RATE:- 300.0
Fours 0
Six 1

Wicket By Shami
Pak: 12 (5)
Rizwan 6 (3)
Babar 6 (2)

Ind Overs Completed: 0
Pak Needs: 6 in 13 Balls

Ind Won The Match By 6 Runs
Man Of The Match Mohammad Shami
Bowls Delived: 5
Wickets 2
Runs Conceeded: 12
Dot Balls 3

Batter:-Babar Azam
Runs Made 6
Bowl Played 2
Fours 0
Six 1
STRIKE RATE:- 300.0

Batter: Muhammad Rizwan
Runs Made 6
Bowl Played 3
STRIKE RATE:- 200.0
Fours 0
Six 1

Mohammad Shami
Overs 0
Balls 5
Runs Conceded 12
Wickets 2
Dots 3

Jaspreet Bumrah

Overs 0
Balls 0
Runs Conceded 0
Wickets 0
Dots 0

** Process exited – Return Code: 0 **
Press Enter to exit terminal