

MI vs CSK 2021

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```
library(tidyverse)
```

```
## Warning: package 'tidyverse' was built under R version 4.0.3
```

```
## -- Attaching packages ----- tidyverse 1.3.0 --
```

```
## v ggplot2 3.3.2     v purrr   0.3.4
## v tibble  3.0.3     v dplyr   1.0.2
## v tidyr   1.1.1     v stringr 1.4.0
## v readr   1.3.1     vforcats 0.5.0
```

```
## Warning: package 'ggplot2' was built under R version 4.0.2
```

```
## Warning: package 'tibble' was built under R version 4.0.2
```

```
## Warning: package 'tidyr' was built under R version 4.0.2
```

```
## Warning: package 'readr' was built under R version 4.0.2
```

```
## Warning: package 'purrr' was built under R version 4.0.2
```

```
## Warning: package 'dplyr' was built under R version 4.0.2
```

```
## Warning: package 'stringr' was built under R version 4.0.2
```

```
## Warning: package 'forcats' was built under R version 4.0.2
```

```
## -- Conflicts ----- tidyverse_conflicts() --
```

```
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()    masks stats::lag()
```

```
mycricket=read.csv("MIVsCSK2021.csv")
mycricket=mycricket[-c(1:4)]
mycricket
```

| ## | innings | ball | batting_team | bowling_team | striker |
|-------|---------|------|-------------------------|----------------|--------------|
| ## 1 | | 1 | 0.1 Chennai Super Kings | Mumbai Indians | RD Gaikwad |
| ## 2 | | 1 | 0.2 Chennai Super Kings | Mumbai Indians | RD Gaikwad |
| ## 3 | | 1 | 0.3 Chennai Super Kings | Mumbai Indians | RD Gaikwad |
| ## 4 | | 1 | 0.4 Chennai Super Kings | Mumbai Indians | RD Gaikwad |
| ## 5 | | 1 | 0.5 Chennai Super Kings | Mumbai Indians | MM Ali |
| ## 6 | | 1 | 0.6 Chennai Super Kings | Mumbai Indians | MM Ali |
| ## 7 | | 1 | 1.1 Chennai Super Kings | Mumbai Indians | F du Plessis |
| ## 8 | | 1 | 1.2 Chennai Super Kings | Mumbai Indians | F du Plessis |
| ## 9 | | 1 | 1.3 Chennai Super Kings | Mumbai Indians | F du Plessis |
| ## 10 | | 1 | 1.4 Chennai Super Kings | Mumbai Indians | F du Plessis |
| ## 11 | | 1 | 1.5 Chennai Super Kings | Mumbai Indians | F du Plessis |
| ## 12 | | 1 | 1.6 Chennai Super Kings | Mumbai Indians | MM Ali |
| ## 13 | | 1 | 2.1 Chennai Super Kings | Mumbai Indians | F du Plessis |
| ## 14 | | 1 | 2.2 Chennai Super Kings | Mumbai Indians | MM Ali |
| ## 15 | | 1 | 2.3 Chennai Super Kings | Mumbai Indians | MM Ali |
| ## 16 | | 1 | 2.4 Chennai Super Kings | Mumbai Indians | MM Ali |
| ## 17 | | 1 | 2.5 Chennai Super Kings | Mumbai Indians | MM Ali |
| ## 18 | | 1 | 2.6 Chennai Super Kings | Mumbai Indians | F du Plessis |
| ## 19 | | 1 | 3.1 Chennai Super Kings | Mumbai Indians | MM Ali |
| ## 20 | | 1 | 3.2 Chennai Super Kings | Mumbai Indians | F du Plessis |
| ## 21 | | 1 | 3.3 Chennai Super Kings | Mumbai Indians | MM Ali |
| ## 22 | | 1 | 3.4 Chennai Super Kings | Mumbai Indians | MM Ali |
| ## 23 | | 1 | 3.5 Chennai Super Kings | Mumbai Indians | MM Ali |
| ## 24 | | 1 | 3.6 Chennai Super Kings | Mumbai Indians | MM Ali |
| ## 25 | | 1 | 4.1 Chennai Super Kings | Mumbai Indians | F du Plessis |
| ## 26 | | 1 | 4.2 Chennai Super Kings | Mumbai Indians | F du Plessis |
| ## 27 | | 1 | 4.3 Chennai Super Kings | Mumbai Indians | MM Ali |
| ## 28 | | 1 | 4.4 Chennai Super Kings | Mumbai Indians | MM Ali |
| ## 29 | | 1 | 4.5 Chennai Super Kings | Mumbai Indians | MM Ali |
| ## 30 | | 1 | 4.6 Chennai Super Kings | Mumbai Indians | F du Plessis |
| ## 31 | | 1 | 5.1 Chennai Super Kings | Mumbai Indians | F du Plessis |
| ## 32 | | 1 | 5.2 Chennai Super Kings | Mumbai Indians | MM Ali |
| ## 33 | | 1 | 5.3 Chennai Super Kings | Mumbai Indians | F du Plessis |
| ## 34 | | 1 | 5.4 Chennai Super Kings | Mumbai Indians | MM Ali |
| ## 35 | | 1 | 5.5 Chennai Super Kings | Mumbai Indians | MM Ali |
| ## 36 | | 1 | 5.6 Chennai Super Kings | Mumbai Indians | MM Ali |
| ## 37 | | 1 | 6.1 Chennai Super Kings | Mumbai Indians | F du Plessis |
| ## 38 | | 1 | 6.2 Chennai Super Kings | Mumbai Indians | MM Ali |
| ## 39 | | 1 | 6.3 Chennai Super Kings | Mumbai Indians | MM Ali |
| ## 40 | | 1 | 6.4 Chennai Super Kings | Mumbai Indians | F du Plessis |
| ## 41 | | 1 | 6.5 Chennai Super Kings | Mumbai Indians | MM Ali |
| ## 42 | | 1 | 6.6 Chennai Super Kings | Mumbai Indians | MM Ali |
| ## 43 | | 1 | 7.1 Chennai Super Kings | Mumbai Indians | MM Ali |
| ## 44 | | 1 | 7.2 Chennai Super Kings | Mumbai Indians | MM Ali |
| ## 45 | | 1 | 7.3 Chennai Super Kings | Mumbai Indians | MM Ali |
| ## 46 | | 1 | 7.4 Chennai Super Kings | Mumbai Indians | F du Plessis |
| ## 47 | | 1 | 7.5 Chennai Super Kings | Mumbai Indians | MM Ali |
| ## 48 | | 1 | 7.6 Chennai Super Kings | Mumbai Indians | MM Ali |
| ## 49 | | 1 | 8.1 Chennai Super Kings | Mumbai Indians | F du Plessis |
| ## 50 | | 1 | 8.2 Chennai Super Kings | Mumbai Indians | MM Ali |
| ## 51 | | 1 | 8.3 Chennai Super Kings | Mumbai Indians | MM Ali |

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|--------|---|--------------------------|----------------|--------------|
| ## 52 | 1 | 8.4 Chennai Super Kings | Mumbai Indians | F du Plessis |
| ## 53 | 1 | 8.5 Chennai Super Kings | Mumbai Indians | MM Ali |
| ## 54 | 1 | 8.6 Chennai Super Kings | Mumbai Indians | F du Plessis |
| ## 55 | 1 | 9.1 Chennai Super Kings | Mumbai Indians | MM Ali |
| ## 56 | 1 | 9.2 Chennai Super Kings | Mumbai Indians | MM Ali |
| ## 57 | 1 | 9.3 Chennai Super Kings | Mumbai Indians | F du Plessis |
| ## 58 | 1 | 9.4 Chennai Super Kings | Mumbai Indians | F du Plessis |
| ## 59 | 1 | 9.5 Chennai Super Kings | Mumbai Indians | MM Ali |
| ## 60 | 1 | 9.6 Chennai Super Kings | Mumbai Indians | MM Ali |
| ## 61 | 1 | 10.1 Chennai Super Kings | Mumbai Indians | F du Plessis |
| ## 62 | 1 | 10.2 Chennai Super Kings | Mumbai Indians | F du Plessis |
| ## 63 | 1 | 10.3 Chennai Super Kings | Mumbai Indians | F du Plessis |
| ## 64 | 1 | 10.4 Chennai Super Kings | Mumbai Indians | F du Plessis |
| ## 65 | 1 | 10.5 Chennai Super Kings | Mumbai Indians | MM Ali |
| ## 66 | 1 | 10.6 Chennai Super Kings | Mumbai Indians | SK Raina |
| ## 67 | 1 | 11.1 Chennai Super Kings | Mumbai Indians | F du Plessis |
| ## 68 | 1 | 11.2 Chennai Super Kings | Mumbai Indians | SK Raina |
| ## 69 | 1 | 11.3 Chennai Super Kings | Mumbai Indians | F du Plessis |
| ## 70 | 1 | 11.4 Chennai Super Kings | Mumbai Indians | SK Raina |
| ## 71 | 1 | 11.5 Chennai Super Kings | Mumbai Indians | F du Plessis |
| ## 72 | 1 | 11.6 Chennai Super Kings | Mumbai Indians | SK Raina |
| ## 73 | 1 | 12.1 Chennai Super Kings | Mumbai Indians | RA Jadeja |
| ## 74 | 1 | 12.2 Chennai Super Kings | Mumbai Indians | AT Rayudu |
| ## 75 | 1 | 12.3 Chennai Super Kings | Mumbai Indians | RA Jadeja |
| ## 76 | 1 | 12.4 Chennai Super Kings | Mumbai Indians | RA Jadeja |
| ## 77 | 1 | 12.5 Chennai Super Kings | Mumbai Indians | RA Jadeja |
| ## 78 | 1 | 12.6 Chennai Super Kings | Mumbai Indians | RA Jadeja |
| ## 79 | 1 | 13.1 Chennai Super Kings | Mumbai Indians | AT Rayudu |
| ## 80 | 1 | 13.2 Chennai Super Kings | Mumbai Indians | RA Jadeja |
| ## 81 | 1 | 13.3 Chennai Super Kings | Mumbai Indians | RA Jadeja |
| ## 82 | 1 | 13.4 Chennai Super Kings | Mumbai Indians | RA Jadeja |
| ## 83 | 1 | 13.5 Chennai Super Kings | Mumbai Indians | AT Rayudu |
| ## 84 | 1 | 13.6 Chennai Super Kings | Mumbai Indians | AT Rayudu |
| ## 85 | 1 | 13.7 Chennai Super Kings | Mumbai Indians | AT Rayudu |
| ## 86 | 1 | 14.1 Chennai Super Kings | Mumbai Indians | AT Rayudu |
| ## 87 | 1 | 14.2 Chennai Super Kings | Mumbai Indians | RA Jadeja |
| ## 88 | 1 | 14.3 Chennai Super Kings | Mumbai Indians | RA Jadeja |
| ## 89 | 1 | 14.4 Chennai Super Kings | Mumbai Indians | RA Jadeja |
| ## 90 | 1 | 14.5 Chennai Super Kings | Mumbai Indians | AT Rayudu |
| ## 91 | 1 | 14.6 Chennai Super Kings | Mumbai Indians | AT Rayudu |
| ## 92 | 1 | 14.7 Chennai Super Kings | Mumbai Indians | AT Rayudu |
| ## 93 | 1 | 15.1 Chennai Super Kings | Mumbai Indians | AT Rayudu |
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| ## 96 | 1 | 15.4 Chennai Super Kings | Mumbai Indians | RA Jadeja |
| ## 97 | 1 | 15.5 Chennai Super Kings | Mumbai Indians | RA Jadeja |
| ## 98 | 1 | 15.6 Chennai Super Kings | Mumbai Indians | AT Rayudu |
| ## 99 | 1 | 15.7 Chennai Super Kings | Mumbai Indians | AT Rayudu |
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| ## 102 | 1 | 16.3 Chennai Super Kings | Mumbai Indians | RA Jadeja |
| ## 103 | 1 | 16.4 Chennai Super Kings | Mumbai Indians | RA Jadeja |

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|--------|---|------|---------------------|---------------------|-----------|
| ## 104 | 1 | 16.5 | Chennai Super Kings | Mumbai Indians | RA Jadeja |
| ## 105 | 1 | 16.6 | Chennai Super Kings | Mumbai Indians | AT Rayudu |
| ## 106 | 1 | 16.7 | Chennai Super Kings | Mumbai Indians | AT Rayudu |
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| ## 108 | 1 | 17.1 | Chennai Super Kings | Mumbai Indians | RA Jadeja |
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| ## 110 | 1 | 17.3 | Chennai Super Kings | Mumbai Indians | RA Jadeja |
| ## 111 | 1 | 17.4 | Chennai Super Kings | Mumbai Indians | AT Rayudu |
| ## 112 | 1 | 17.5 | Chennai Super Kings | Mumbai Indians | AT Rayudu |
| ## 113 | 1 | 17.6 | Chennai Super Kings | Mumbai Indians | AT Rayudu |
| ## 114 | 1 | 17.7 | Chennai Super Kings | Mumbai Indians | AT Rayudu |
| ## 115 | 1 | 18.1 | Chennai Super Kings | Mumbai Indians | RA Jadeja |
| ## 116 | 1 | 18.2 | Chennai Super Kings | Mumbai Indians | RA Jadeja |
| ## 117 | 1 | 18.3 | Chennai Super Kings | Mumbai Indians | AT Rayudu |
| ## 118 | 1 | 18.4 | Chennai Super Kings | Mumbai Indians | RA Jadeja |
| ## 119 | 1 | 18.5 | Chennai Super Kings | Mumbai Indians | AT Rayudu |
| ## 120 | 1 | 18.6 | Chennai Super Kings | Mumbai Indians | RA Jadeja |
| ## 121 | 1 | 18.7 | Chennai Super Kings | Mumbai Indians | RA Jadeja |
| ## 122 | 1 | 19.1 | Chennai Super Kings | Mumbai Indians | RA Jadeja |
| ## 123 | 1 | 19.2 | Chennai Super Kings | Mumbai Indians | AT Rayudu |
| ## 124 | 1 | 19.3 | Chennai Super Kings | Mumbai Indians | RA Jadeja |
| ## 125 | 1 | 19.4 | Chennai Super Kings | Mumbai Indians | RA Jadeja |
| ## 126 | 1 | 19.5 | Chennai Super Kings | Mumbai Indians | AT Rayudu |
| ## 127 | 1 | 19.6 | Chennai Super Kings | Mumbai Indians | AT Rayudu |
| ## 128 | 1 | 19.7 | Chennai Super Kings | Mumbai Indians | AT Rayudu |
| ## 129 | 2 | 0.1 | Mumbai Indians | Chennai Super Kings | Q de Kock |
| ## 130 | 2 | 0.2 | Mumbai Indians | Chennai Super Kings | Q de Kock |
| ## 131 | 2 | 0.3 | Mumbai Indians | Chennai Super Kings | Q de Kock |
| ## 132 | 2 | 0.4 | Mumbai Indians | Chennai Super Kings | RG Sharma |
| ## 133 | 2 | 0.5 | Mumbai Indians | Chennai Super Kings | RG Sharma |
| ## 134 | 2 | 0.6 | Mumbai Indians | Chennai Super Kings | RG Sharma |
| ## 135 | 2 | 0.7 | Mumbai Indians | Chennai Super Kings | RG Sharma |
| ## 136 | 2 | 1.1 | Mumbai Indians | Chennai Super Kings | Q de Kock |
| ## 137 | 2 | 1.2 | Mumbai Indians | Chennai Super Kings | Q de Kock |
| ## 138 | 2 | 1.3 | Mumbai Indians | Chennai Super Kings | Q de Kock |
| ## 139 | 2 | 1.4 | Mumbai Indians | Chennai Super Kings | Q de Kock |
| ## 140 | 2 | 1.5 | Mumbai Indians | Chennai Super Kings | RG Sharma |
| ## 141 | 2 | 1.6 | Mumbai Indians | Chennai Super Kings | Q de Kock |
| ## 142 | 2 | 1.7 | Mumbai Indians | Chennai Super Kings | Q de Kock |
| ## 143 | 2 | 2.1 | Mumbai Indians | Chennai Super Kings | RG Sharma |
| ## 144 | 2 | 2.2 | Mumbai Indians | Chennai Super Kings | RG Sharma |
| ## 145 | 2 | 2.3 | Mumbai Indians | Chennai Super Kings | RG Sharma |
| ## 146 | 2 | 2.4 | Mumbai Indians | Chennai Super Kings | RG Sharma |
| ## 147 | 2 | 2.5 | Mumbai Indians | Chennai Super Kings | RG Sharma |
| ## 148 | 2 | 2.6 | Mumbai Indians | Chennai Super Kings | Q de Kock |
| ## 149 | 2 | 3.1 | Mumbai Indians | Chennai Super Kings | RG Sharma |
| ## 150 | 2 | 3.2 | Mumbai Indians | Chennai Super Kings | Q de Kock |
| ## 151 | 2 | 3.3 | Mumbai Indians | Chennai Super Kings | RG Sharma |
| ## 152 | 2 | 3.4 | Mumbai Indians | Chennai Super Kings | RG Sharma |
| ## 153 | 2 | 3.5 | Mumbai Indians | Chennai Super Kings | RG Sharma |
| ## 154 | 2 | 3.6 | Mumbai Indians | Chennai Super Kings | RG Sharma |
| ## 155 | 2 | 4.1 | Mumbai Indians | Chennai Super Kings | Q de Kock |

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|--------|---|------|------------------------------------|------------|
| ## 156 | 2 | 4.2 | Mumbai Indians Chennai Super Kings | RG Sharma |
| ## 157 | 2 | 4.3 | Mumbai Indians Chennai Super Kings | Q de Kock |
| ## 158 | 2 | 4.4 | Mumbai Indians Chennai Super Kings | Q de Kock |
| ## 159 | 2 | 4.5 | Mumbai Indians Chennai Super Kings | Q de Kock |
| ## 160 | 2 | 4.6 | Mumbai Indians Chennai Super Kings | RG Sharma |
| ## 161 | 2 | 5.1 | Mumbai Indians Chennai Super Kings | RG Sharma |
| ## 162 | 2 | 5.2 | Mumbai Indians Chennai Super Kings | RG Sharma |
| ## 163 | 2 | 5.3 | Mumbai Indians Chennai Super Kings | Q de Kock |
| ## 164 | 2 | 5.4 | Mumbai Indians Chennai Super Kings | RG Sharma |
| ## 165 | 2 | 5.5 | Mumbai Indians Chennai Super Kings | Q de Kock |
| ## 166 | 2 | 5.6 | Mumbai Indians Chennai Super Kings | Q de Kock |
| ## 167 | 2 | 6.1 | Mumbai Indians Chennai Super Kings | Q de Kock |
| ## 168 | 2 | 6.2 | Mumbai Indians Chennai Super Kings | RG Sharma |
| ## 169 | 2 | 6.3 | Mumbai Indians Chennai Super Kings | Q de Kock |
| ## 170 | 2 | 6.4 | Mumbai Indians Chennai Super Kings | Q de Kock |
| ## 171 | 2 | 6.5 | Mumbai Indians Chennai Super Kings | RG Sharma |
| ## 172 | 2 | 6.6 | Mumbai Indians Chennai Super Kings | RG Sharma |
| ## 173 | 2 | 6.7 | Mumbai Indians Chennai Super Kings | RG Sharma |
| ## 174 | 2 | 7.1 | Mumbai Indians Chennai Super Kings | Q de Kock |
| ## 175 | 2 | 7.2 | Mumbai Indians Chennai Super Kings | RG Sharma |
| ## 176 | 2 | 7.3 | Mumbai Indians Chennai Super Kings | Q de Kock |
| ## 177 | 2 | 7.4 | Mumbai Indians Chennai Super Kings | RG Sharma |
| ## 178 | 2 | 7.5 | Mumbai Indians Chennai Super Kings | Q de Kock |
| ## 179 | 2 | 7.6 | Mumbai Indians Chennai Super Kings | SA Yadav |
| ## 180 | 2 | 8.1 | Mumbai Indians Chennai Super Kings | Q de Kock |
| ## 181 | 2 | 8.2 | Mumbai Indians Chennai Super Kings | SA Yadav |
| ## 182 | 2 | 8.3 | Mumbai Indians Chennai Super Kings | Q de Kock |
| ## 183 | 2 | 8.4 | Mumbai Indians Chennai Super Kings | SA Yadav |
| ## 184 | 2 | 8.5 | Mumbai Indians Chennai Super Kings | KH Pandya |
| ## 185 | 2 | 8.6 | Mumbai Indians Chennai Super Kings | Q de Kock |
| ## 186 | 2 | 9.1 | Mumbai Indians Chennai Super Kings | KH Pandya |
| ## 187 | 2 | 9.2 | Mumbai Indians Chennai Super Kings | KH Pandya |
| ## 188 | 2 | 9.3 | Mumbai Indians Chennai Super Kings | Q de Kock |
| ## 189 | 2 | 9.4 | Mumbai Indians Chennai Super Kings | Q de Kock |
| ## 190 | 2 | 9.5 | Mumbai Indians Chennai Super Kings | KA Pollard |
| ## 191 | 2 | 9.6 | Mumbai Indians Chennai Super Kings | KA Pollard |
| ## 192 | 2 | 10.1 | Mumbai Indians Chennai Super Kings | KH Pandya |
| ## 193 | 2 | 10.2 | Mumbai Indians Chennai Super Kings | KH Pandya |
| ## 194 | 2 | 10.3 | Mumbai Indians Chennai Super Kings | KH Pandya |
| ## 195 | 2 | 10.4 | Mumbai Indians Chennai Super Kings | KH Pandya |
| ## 196 | 2 | 10.5 | Mumbai Indians Chennai Super Kings | KA Pollard |
| ## 197 | 2 | 10.6 | Mumbai Indians Chennai Super Kings | KH Pandya |
| ## 198 | 2 | 11.1 | Mumbai Indians Chennai Super Kings | KH Pandya |
| ## 199 | 2 | 11.2 | Mumbai Indians Chennai Super Kings | KH Pandya |
| ## 200 | 2 | 11.3 | Mumbai Indians Chennai Super Kings | KH Pandya |
| ## 201 | 2 | 11.4 | Mumbai Indians Chennai Super Kings | KH Pandya |
| ## 202 | 2 | 11.5 | Mumbai Indians Chennai Super Kings | KH Pandya |
| ## 203 | 2 | 11.6 | Mumbai Indians Chennai Super Kings | KA Pollard |
| ## 204 | 2 | 12.1 | Mumbai Indians Chennai Super Kings | KA Pollard |
| ## 205 | 2 | 12.2 | Mumbai Indians Chennai Super Kings | KH Pandya |
| ## 206 | 2 | 12.3 | Mumbai Indians Chennai Super Kings | KA Pollard |
| ## 207 | 2 | 12.4 | Mumbai Indians Chennai Super Kings | KA Pollard |

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|--------|--------------|---|-------------|
| ## 208 | 2 12.5 | Mumbai Indians Chennai Super Kings | KA Pollard |
| ## 209 | 2 12.6 | Mumbai Indians Chennai Super Kings | KA Pollard |
| ## 210 | 2 13.1 | Mumbai Indians Chennai Super Kings | KH Pandya |
| ## 211 | 2 13.2 | Mumbai Indians Chennai Super Kings | KA Pollard |
| ## 212 | 2 13.3 | Mumbai Indians Chennai Super Kings | KH Pandya |
| ## 213 | 2 13.4 | Mumbai Indians Chennai Super Kings | KA Pollard |
| ## 214 | 2 13.5 | Mumbai Indians Chennai Super Kings | KA Pollard |
| ## 215 | 2 13.6 | Mumbai Indians Chennai Super Kings | KA Pollard |
| ## 216 | 2 14.1 | Mumbai Indians Chennai Super Kings | KA Pollard |
| ## 217 | 2 14.2 | Mumbai Indians Chennai Super Kings | KA Pollard |
| ## 218 | 2 14.3 | Mumbai Indians Chennai Super Kings | KA Pollard |
| ## 219 | 2 14.4 | Mumbai Indians Chennai Super Kings | KA Pollard |
| ## 220 | 2 14.5 | Mumbai Indians Chennai Super Kings | KA Pollard |
| ## 221 | 2 14.6 | Mumbai Indians Chennai Super Kings | KA Pollard |
| ## 222 | 2 14.7 | Mumbai Indians Chennai Super Kings | KA Pollard |
| ## 223 | 2 14.8 | Mumbai Indians Chennai Super Kings | KA Pollard |
| ## 224 | 2 14.9 | Mumbai Indians Chennai Super Kings | KH Pandya |
| ## 225 | 2 15.1 | Mumbai Indians Chennai Super Kings | KH Pandya |
| ## 226 | 2 15.2 | Mumbai Indians Chennai Super Kings | KH Pandya |
| ## 227 | 2 15.3 | Mumbai Indians Chennai Super Kings | KH Pandya |
| ## 228 | 2 15.4 | Mumbai Indians Chennai Super Kings | KH Pandya |
| ## 229 | 2 15.5 | Mumbai Indians Chennai Super Kings | KA Pollard |
| ## 230 | 2 15.6 | Mumbai Indians Chennai Super Kings | KH Pandya |
| ## 231 | 2 16.1 | Mumbai Indians Chennai Super Kings | KA Pollard |
| ## 232 | 2 16.2 | Mumbai Indians Chennai Super Kings | KA Pollard |
| ## 233 | 2 16.3 | Mumbai Indians Chennai Super Kings | KH Pandya |
| ## 234 | 2 16.4 | Mumbai Indians Chennai Super Kings | HH Pandya |
| ## 235 | 2 16.5 | Mumbai Indians Chennai Super Kings | HH Pandya |
| ## 236 | 2 16.6 | Mumbai Indians Chennai Super Kings | KA Pollard |
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| ## 238 | 2 17.2 | Mumbai Indians Chennai Super Kings | KA Pollard |
| ## 239 | 2 17.3 | Mumbai Indians Chennai Super Kings | KA Pollard |
| ## 240 | 2 17.4 | Mumbai Indians Chennai Super Kings | KA Pollard |
| ## 241 | 2 17.5 | Mumbai Indians Chennai Super Kings | KA Pollard |
| ## 242 | 2 17.6 | Mumbai Indians Chennai Super Kings | KA Pollard |
| ## 243 | 2 17.7 | Mumbai Indians Chennai Super Kings | KA Pollard |
| ## 244 | 2 17.8 | Mumbai Indians Chennai Super Kings | KA Pollard |
| ## 245 | 2 18.1 | Mumbai Indians Chennai Super Kings | HH Pandya |
| ## 246 | 2 18.2 | Mumbai Indians Chennai Super Kings | HH Pandya |
| ## 247 | 2 18.3 | Mumbai Indians Chennai Super Kings | HH Pandya |
| ## 248 | 2 18.4 | Mumbai Indians Chennai Super Kings | HH Pandya |
| ## 249 | 2 18.5 | Mumbai Indians Chennai Super Kings | KA Pollard |
| ## 250 | 2 18.6 | Mumbai Indians Chennai Super Kings | JDS Neesham |
| ## 251 | 2 19.1 | Mumbai Indians Chennai Super Kings | KA Pollard |
| ## 252 | 2 19.2 | Mumbai Indians Chennai Super Kings | KA Pollard |
| ## 253 | 2 19.3 | Mumbai Indians Chennai Super Kings | KA Pollard |
| ## 254 | 2 19.4 | Mumbai Indians Chennai Super Kings | KA Pollard |
| ## 255 | 2 19.5 | Mumbai Indians Chennai Super Kings | KA Pollard |
| ## 256 | 2 19.6 | Mumbai Indians Chennai Super Kings | KA Pollard |
| ## | non_striker | bowler runs_off_bat extras wides noballs byes legbyes | |
| ## 1 | F du Plessis | TA Boult 0 0 NA NA NA NA | |
| ## 2 | F du Plessis | TA Boult 4 0 NA NA NA NA | |

| | | | | | | | | |
|-------|--------------|--------------------|-------------|---|----|----|----|----|
| ## 3 | F du Plessis | TA Boult | 0 | 0 | NA | NA | NA | NA |
| ## 4 | F du Plessis | TA Boult | 0 | 0 | NA | NA | NA | NA |
| ## 5 | F du Plessis | TA Boult | 0 | 0 | NA | NA | NA | NA |
| ## 6 | F du Plessis | TA Boult | 0 | 0 | NA | NA | NA | NA |
| ## 7 | | MM Ali DS Kulkarni | 4 | 0 | NA | NA | NA | NA |
| ## 8 | | MM Ali DS Kulkarni | 0 | 0 | NA | NA | NA | NA |
| ## 9 | | MM Ali DS Kulkarni | 6 | 0 | NA | NA | NA | NA |
| ## 10 | | MM Ali DS Kulkarni | 0 | 0 | NA | NA | NA | NA |
| ## 11 | | MM Ali DS Kulkarni | 1 | 0 | NA | NA | NA | NA |
| ## 12 | F du Plessis | DS Kulkarni | 0 | 0 | NA | NA | NA | NA |
| ## 13 | | MM Ali | TA Boult | 1 | 0 | NA | NA | NA |
| ## 14 | F du Plessis | TA Boult | 0 | 0 | NA | NA | NA | NA |
| ## 15 | F du Plessis | TA Boult | 6 | 0 | NA | NA | NA | NA |
| ## 16 | F du Plessis | TA Boult | 4 | 0 | NA | NA | NA | NA |
| ## 17 | F du Plessis | TA Boult | 1 | 0 | NA | NA | NA | NA |
| ## 18 | | MM Ali | TA Boult | 0 | 0 | NA | NA | NA |
| ## 19 | F du Plessis | DS Kulkarni | 1 | 0 | NA | NA | NA | NA |
| ## 20 | | MM Ali DS Kulkarni | 1 | 0 | NA | NA | NA | NA |
| ## 21 | F du Plessis | DS Kulkarni | 0 | 0 | NA | NA | NA | NA |
| ## 22 | F du Plessis | DS Kulkarni | 0 | 0 | NA | NA | NA | NA |
| ## 23 | F du Plessis | DS Kulkarni | 0 | 0 | NA | NA | NA | NA |
| ## 24 | F du Plessis | DS Kulkarni | 4 | 0 | NA | NA | NA | NA |
| ## 25 | | MM Ali | JJ Bumrah | 0 | 0 | NA | NA | NA |
| ## 26 | | MM Ali | JJ Bumrah | 1 | 0 | NA | NA | NA |
| ## 27 | F du Plessis | JJ Bumrah | 0 | 0 | NA | NA | NA | NA |
| ## 28 | F du Plessis | JJ Bumrah | 6 | 0 | NA | NA | NA | NA |
| ## 29 | F du Plessis | JJ Bumrah | 0 | 1 | NA | NA | NA | 1 |
| ## 30 | | MM Ali | JJ Bumrah | 1 | 0 | NA | NA | NA |
| ## 31 | | MM Ali | TA Boult | 1 | 0 | NA | NA | NA |
| ## 32 | F du Plessis | TA Boult | 0 | 1 | NA | NA | NA | 1 |
| ## 33 | | MM Ali | TA Boult | 1 | 0 | NA | NA | NA |
| ## 34 | F du Plessis | TA Boult | 0 | 0 | NA | NA | NA | NA |
| ## 35 | F du Plessis | TA Boult | 4 | 0 | NA | NA | NA | NA |
| ## 36 | F du Plessis | TA Boult | 0 | 0 | NA | NA | NA | NA |
| ## 37 | | MM Ali | RD Chahar | 1 | 0 | NA | NA | NA |
| ## 38 | F du Plessis | RD Chahar | 0 | 0 | NA | NA | NA | NA |
| ## 39 | F du Plessis | RD Chahar | 1 | 0 | NA | NA | NA | NA |
| ## 40 | | MM Ali | RD Chahar | 1 | 0 | NA | NA | NA |
| ## 41 | F du Plessis | RD Chahar | 0 | 0 | NA | NA | NA | NA |
| ## 42 | F du Plessis | RD Chahar | 1 | 0 | NA | NA | NA | NA |
| ## 43 | F du Plessis | JDS Neesham | 0 | 0 | NA | NA | NA | NA |
| ## 44 | F du Plessis | JDS Neesham | 6 | 0 | NA | NA | NA | NA |
| ## 45 | F du Plessis | JDS Neesham | 1 | 0 | NA | NA | NA | NA |
| ## 46 | | MM Ali | JDS Neesham | 1 | 0 | NA | NA | NA |
| ## 47 | F du Plessis | JDS Neesham | 0 | 0 | NA | NA | NA | NA |
| ## 48 | F du Plessis | JDS Neesham | 0 | 0 | NA | NA | NA | NA |
| ## 49 | | MM Ali | RD Chahar | 1 | 0 | NA | NA | NA |
| ## 50 | F du Plessis | RD Chahar | 6 | 0 | NA | NA | NA | NA |
| ## 51 | F du Plessis | RD Chahar | 1 | 0 | NA | NA | NA | NA |
| ## 52 | | MM Ali | RD Chahar | 1 | 0 | NA | NA | NA |
| ## 53 | F du Plessis | RD Chahar | 1 | 0 | NA | NA | NA | NA |
| ## 54 | | MM Ali | RD Chahar | 6 | 0 | NA | NA | NA |

| | | | | | | | | |
|--------|--------------|-------------|---|---|----|----|----|----|
| ## 55 | F du Plessis | JDS Neesham | 6 | 0 | NA | NA | NA | NA |
| ## 56 | F du Plessis | JDS Neesham | 1 | 0 | NA | NA | NA | NA |
| ## 57 | MM Ali | JDS Neesham | 2 | 0 | NA | NA | NA | NA |
| ## 58 | MM Ali | JDS Neesham | 1 | 0 | NA | NA | NA | NA |
| ## 59 | F du Plessis | JDS Neesham | 4 | 0 | NA | NA | NA | NA |
| ## 60 | F du Plessis | JDS Neesham | 4 | 0 | NA | NA | NA | NA |
| ## 61 | MM Ali | JJ Bumrah | 6 | 0 | NA | NA | NA | NA |
| ## 62 | MM Ali | JJ Bumrah | 6 | 0 | NA | NA | NA | NA |
| ## 63 | MM Ali | JJ Bumrah | 4 | 0 | NA | NA | NA | NA |
| ## 64 | MM Ali | JJ Bumrah | 1 | 0 | NA | NA | NA | NA |
| ## 65 | F du Plessis | JJ Bumrah | 0 | 0 | NA | NA | NA | NA |
| ## 66 | F du Plessis | JJ Bumrah | 0 | 0 | NA | NA | NA | NA |
| ## 67 | SK Raina | KA Pollard | 1 | 0 | NA | NA | NA | NA |
| ## 68 | F du Plessis | KA Pollard | 1 | 0 | NA | NA | NA | NA |
| ## 69 | SK Raina | KA Pollard | 1 | 0 | NA | NA | NA | NA |
| ## 70 | F du Plessis | KA Pollard | 1 | 0 | NA | NA | NA | NA |
| ## 71 | SK Raina | KA Pollard | 0 | 0 | NA | NA | NA | NA |
| ## 72 | AT Rayudu | KA Pollard | 0 | 0 | NA | NA | NA | NA |
| ## 73 | AT Rayudu | RD Chahar | 1 | 0 | NA | NA | NA | NA |
| ## 74 | RA Jadeja | RD Chahar | 1 | 0 | NA | NA | NA | NA |
| ## 75 | AT Rayudu | RD Chahar | 0 | 0 | NA | NA | NA | NA |
| ## 76 | AT Rayudu | RD Chahar | 0 | 0 | NA | NA | NA | NA |
| ## 77 | AT Rayudu | RD Chahar | 0 | 0 | NA | NA | NA | NA |
| ## 78 | AT Rayudu | RD Chahar | 0 | 0 | NA | NA | NA | NA |
| ## 79 | RA Jadeja | KA Pollard | 1 | 0 | NA | NA | NA | NA |
| ## 80 | AT Rayudu | KA Pollard | 0 | 0 | NA | NA | NA | NA |
| ## 81 | AT Rayudu | KA Pollard | 0 | 1 | 1 | NA | NA | NA |
| ## 82 | AT Rayudu | KA Pollard | 1 | 0 | NA | NA | NA | NA |
| ## 83 | RA Jadeja | KA Pollard | 4 | 0 | NA | NA | NA | NA |
| ## 84 | RA Jadeja | KA Pollard | 0 | 0 | NA | NA | NA | NA |
| ## 85 | RA Jadeja | KA Pollard | 1 | 0 | NA | NA | NA | NA |
| ## 86 | RA Jadeja | RD Chahar | 1 | 0 | NA | NA | NA | NA |
| ## 87 | AT Rayudu | RD Chahar | 0 | 0 | NA | NA | NA | NA |
| ## 88 | AT Rayudu | RD Chahar | 0 | 1 | 1 | NA | NA | NA |
| ## 89 | AT Rayudu | RD Chahar | 1 | 0 | NA | NA | NA | NA |
| ## 90 | RA Jadeja | RD Chahar | 6 | 0 | NA | NA | NA | NA |
| ## 91 | RA Jadeja | RD Chahar | 0 | 0 | NA | NA | NA | NA |
| ## 92 | RA Jadeja | RD Chahar | 1 | 0 | NA | NA | NA | NA |
| ## 93 | RA Jadeja | DS Kulkarni | 1 | 0 | NA | NA | NA | NA |
| ## 94 | AT Rayudu | DS Kulkarni | 1 | 0 | NA | NA | NA | NA |
| ## 95 | RA Jadeja | DS Kulkarni | 1 | 0 | NA | NA | NA | NA |
| ## 96 | AT Rayudu | DS Kulkarni | 0 | 1 | 1 | NA | NA | NA |
| ## 97 | AT Rayudu | DS Kulkarni | 1 | 0 | NA | NA | NA | NA |
| ## 98 | RA Jadeja | DS Kulkarni | 6 | 0 | NA | NA | NA | NA |
| ## 99 | RA Jadeja | DS Kulkarni | 6 | 0 | NA | NA | NA | NA |
| ## 100 | AT Rayudu | JJ Bumrah | 1 | 0 | NA | NA | NA | NA |
| ## 101 | RA Jadeja | JJ Bumrah | 1 | 0 | NA | NA | NA | NA |
| ## 102 | AT Rayudu | JJ Bumrah | 4 | 0 | NA | NA | NA | NA |
| ## 103 | AT Rayudu | JJ Bumrah | 0 | 1 | 1 | NA | NA | NA |
| ## 104 | AT Rayudu | JJ Bumrah | 1 | 0 | NA | NA | NA | NA |
| ## 105 | RA Jadeja | JJ Bumrah | 2 | 0 | NA | NA | NA | NA |
| ## 106 | RA Jadeja | JJ Bumrah | 6 | 1 | NA | 1 | NA | NA |

| | | | | | | | | |
|--------|-----------|-------------|---|---|----|----|----|----|
| ## 107 | RA Jadeja | JJ Bumrah | 4 | 0 | NA | NA | NA | NA |
| ## 108 | AT Rayudu | TA Boult | 1 | 0 | NA | NA | NA | NA |
| ## 109 | RA Jadeja | TA Boult | 1 | 0 | NA | NA | NA | NA |
| ## 110 | AT Rayudu | TA Boult | 1 | 0 | NA | NA | NA | NA |
| ## 111 | RA Jadeja | TA Boult | 6 | 0 | NA | NA | NA | NA |
| ## 112 | RA Jadeja | TA Boult | 4 | 0 | NA | NA | NA | NA |
| ## 113 | RA Jadeja | TA Boult | 0 | 1 | 1 | NA | NA | NA |
| ## 114 | RA Jadeja | TA Boult | 6 | 0 | NA | NA | NA | NA |
| ## 115 | AT Rayudu | JJ Bumrah | 0 | 1 | 1 | NA | NA | NA |
| ## 116 | AT Rayudu | JJ Bumrah | 1 | 0 | NA | NA | NA | NA |
| ## 117 | RA Jadeja | JJ Bumrah | 1 | 0 | NA | NA | NA | NA |
| ## 118 | AT Rayudu | JJ Bumrah | 1 | 0 | NA | NA | NA | NA |
| ## 119 | RA Jadeja | JJ Bumrah | 1 | 0 | NA | NA | NA | NA |
| ## 120 | AT Rayudu | JJ Bumrah | 4 | 0 | NA | NA | NA | NA |
| ## 121 | AT Rayudu | JJ Bumrah | 1 | 0 | NA | NA | NA | NA |
| ## 122 | AT Rayudu | DS Kulkarni | 1 | 0 | NA | NA | NA | NA |
| ## 123 | RA Jadeja | DS Kulkarni | 1 | 0 | NA | NA | NA | NA |
| ## 124 | AT Rayudu | DS Kulkarni | 0 | 1 | 1 | NA | NA | NA |
| ## 125 | AT Rayudu | DS Kulkarni | 1 | 0 | NA | NA | NA | NA |
| ## 126 | RA Jadeja | DS Kulkarni | 0 | 0 | NA | NA | NA | NA |
| ## 127 | RA Jadeja | DS Kulkarni | 6 | 0 | NA | NA | NA | NA |
| ## 128 | RA Jadeja | DS Kulkarni | 4 | 0 | NA | NA | NA | NA |
| ## 129 | RG Sharma | DL Chahar | 4 | 0 | NA | NA | NA | NA |
| ## 130 | RG Sharma | DL Chahar | 0 | 0 | NA | NA | NA | NA |
| ## 131 | RG Sharma | DL Chahar | 1 | 0 | NA | NA | NA | NA |
| ## 132 | Q de Kock | DL Chahar | 0 | 1 | 1 | NA | NA | NA |
| ## 133 | Q de Kock | DL Chahar | 0 | 0 | NA | NA | NA | NA |
| ## 134 | Q de Kock | DL Chahar | 2 | 0 | NA | NA | NA | NA |
| ## 135 | Q de Kock | DL Chahar | 0 | 0 | NA | NA | NA | NA |
| ## 136 | RG Sharma | SM Curran | 0 | 0 | NA | NA | NA | NA |
| ## 137 | RG Sharma | SM Curran | 4 | 0 | NA | NA | NA | NA |
| ## 138 | RG Sharma | SM Curran | 0 | 0 | NA | NA | NA | NA |
| ## 139 | RG Sharma | SM Curran | 1 | 0 | NA | NA | NA | NA |
| ## 140 | Q de Kock | SM Curran | 1 | 0 | NA | NA | NA | NA |
| ## 141 | RG Sharma | SM Curran | 0 | 1 | 1 | NA | NA | NA |
| ## 142 | RG Sharma | SM Curran | 0 | 0 | NA | NA | NA | NA |
| ## 143 | Q de Kock | DL Chahar | 4 | 0 | NA | NA | NA | NA |
| ## 144 | Q de Kock | DL Chahar | 4 | 0 | NA | NA | NA | NA |
| ## 145 | Q de Kock | DL Chahar | 0 | 0 | NA | NA | NA | NA |
| ## 146 | Q de Kock | DL Chahar | 0 | 0 | NA | NA | NA | NA |
| ## 147 | Q de Kock | DL Chahar | 1 | 0 | NA | NA | NA | NA |
| ## 148 | RG Sharma | DL Chahar | 6 | 0 | NA | NA | NA | NA |
| ## 149 | Q de Kock | SM Curran | 1 | 0 | NA | NA | NA | NA |
| ## 150 | RG Sharma | SM Curran | 1 | 0 | NA | NA | NA | NA |
| ## 151 | Q de Kock | SM Curran | 0 | 0 | NA | NA | NA | NA |
| ## 152 | Q de Kock | SM Curran | 4 | 0 | NA | NA | NA | NA |
| ## 153 | Q de Kock | SM Curran | 4 | 0 | NA | NA | NA | NA |
| ## 154 | Q de Kock | SM Curran | 0 | 0 | NA | NA | NA | NA |
| ## 155 | RG Sharma | DL Chahar | 1 | 0 | NA | NA | NA | NA |
| ## 156 | Q de Kock | DL Chahar | 1 | 0 | NA | NA | NA | NA |
| ## 157 | RG Sharma | DL Chahar | 0 | 0 | NA | NA | NA | NA |
| ## 158 | RG Sharma | DL Chahar | 0 | 0 | NA | NA | NA | NA |

| | | | | | | | | |
|--------|------------|-----------|---|---|----|----|----|----|
| ## 159 | RG Sharma | DL Chahar | 1 | 0 | NA | NA | NA | NA |
| ## 160 | Q de Kock | DL Chahar | 1 | 0 | NA | NA | NA | NA |
| ## 161 | Q de Kock | L Ngidi | 6 | 0 | NA | NA | NA | NA |
| ## 162 | Q de Kock | L Ngidi | 1 | 0 | NA | NA | NA | NA |
| ## 163 | RG Sharma | L Ngidi | 1 | 0 | NA | NA | NA | NA |
| ## 164 | Q de Kock | L Ngidi | 1 | 0 | NA | NA | NA | NA |
| ## 165 | RG Sharma | L Ngidi | 4 | 0 | NA | NA | NA | NA |
| ## 166 | RG Sharma | L Ngidi | 1 | 0 | NA | NA | NA | NA |
| ## 167 | RG Sharma | DL Chahar | 1 | 0 | NA | NA | NA | NA |
| ## 168 | Q de Kock | DL Chahar | 1 | 0 | NA | NA | NA | NA |
| ## 169 | RG Sharma | DL Chahar | 4 | 0 | NA | NA | NA | NA |
| ## 170 | RG Sharma | DL Chahar | 1 | 0 | NA | NA | NA | NA |
| ## 171 | Q de Kock | DL Chahar | 0 | 0 | NA | NA | NA | NA |
| ## 172 | Q de Kock | DL Chahar | 0 | 1 | 1 | NA | NA | NA |
| ## 173 | Q de Kock | DL Chahar | 2 | 0 | NA | NA | NA | NA |
| ## 174 | RG Sharma | SN Thakur | 1 | 0 | NA | NA | NA | NA |
| ## 175 | Q de Kock | SN Thakur | 1 | 0 | NA | NA | NA | NA |
| ## 176 | RG Sharma | SN Thakur | 1 | 0 | NA | NA | NA | NA |
| ## 177 | Q de Kock | SN Thakur | 0 | 0 | NA | NA | NA | NA |
| ## 178 | SA Yadav | SN Thakur | 1 | 0 | NA | NA | NA | NA |
| ## 179 | Q de Kock | SN Thakur | 2 | 0 | NA | NA | NA | NA |
| ## 180 | SA Yadav | RA Jadeja | 1 | 0 | NA | NA | NA | NA |
| ## 181 | Q de Kock | RA Jadeja | 1 | 0 | NA | NA | NA | NA |
| ## 182 | SA Yadav | RA Jadeja | 1 | 0 | NA | NA | NA | NA |
| ## 183 | Q de Kock | RA Jadeja | 0 | 0 | NA | NA | NA | NA |
| ## 184 | Q de Kock | RA Jadeja | 1 | 0 | NA | NA | NA | NA |
| ## 185 | KH Pandya | RA Jadeja | 2 | 0 | NA | NA | NA | NA |
| ## 186 | Q de Kock | MM Ali | 0 | 0 | NA | NA | NA | NA |
| ## 187 | Q de Kock | MM Ali | 1 | 0 | NA | NA | NA | NA |
| ## 188 | KH Pandya | MM Ali | 0 | 0 | NA | NA | NA | NA |
| ## 189 | KH Pandya | MM Ali | 0 | 0 | NA | NA | NA | NA |
| ## 190 | KH Pandya | MM Ali | 0 | 0 | NA | NA | NA | NA |
| ## 191 | KH Pandya | MM Ali | 0 | 0 | NA | NA | NA | NA |
| ## 192 | KA Pollard | RA Jadeja | 0 | 0 | NA | NA | NA | NA |
| ## 193 | KA Pollard | RA Jadeja | 0 | 0 | NA | NA | NA | NA |
| ## 194 | KA Pollard | RA Jadeja | 0 | 0 | NA | NA | NA | NA |
| ## 195 | KA Pollard | RA Jadeja | 1 | 0 | NA | NA | NA | NA |
| ## 196 | KH Pandya | RA Jadeja | 1 | 0 | NA | NA | NA | NA |
| ## 197 | KA Pollard | RA Jadeja | 1 | 0 | NA | NA | NA | NA |
| ## 198 | KA Pollard | SN Thakur | 6 | 0 | NA | NA | NA | NA |
| ## 199 | KA Pollard | SN Thakur | 0 | 0 | NA | NA | NA | NA |
| ## 200 | KA Pollard | SN Thakur | 0 | 0 | NA | NA | NA | NA |
| ## 201 | KA Pollard | SN Thakur | 2 | 0 | NA | NA | NA | NA |
| ## 202 | KA Pollard | SN Thakur | 1 | 0 | NA | NA | NA | NA |
| ## 203 | KH Pandya | SN Thakur | 1 | 0 | NA | NA | NA | NA |
| ## 204 | KH Pandya | RA Jadeja | 1 | 0 | NA | NA | NA | NA |
| ## 205 | KA Pollard | RA Jadeja | 1 | 0 | NA | NA | NA | NA |
| ## 206 | KH Pandya | RA Jadeja | 6 | 0 | NA | NA | NA | NA |
| ## 207 | KH Pandya | RA Jadeja | 0 | 0 | NA | NA | NA | NA |
| ## 208 | KH Pandya | RA Jadeja | 6 | 0 | NA | NA | NA | NA |
| ## 209 | KH Pandya | RA Jadeja | 6 | 0 | NA | NA | NA | NA |
| ## 210 | KA Pollard | L Ngidi | 1 | 0 | NA | NA | NA | NA |

| | | | | | | | | |
|--------|-------------|-------------|------------------|-------------------|----|----|----|----|
| ## 211 | KH Pandya | L Ngidi | 1 | 0 | NA | NA | NA | NA |
| ## 212 | KA Pollard | L Ngidi | 1 | 0 | NA | NA | NA | NA |
| ## 213 | KH Pandya | L Ngidi | 6 | 0 | NA | NA | NA | NA |
| ## 214 | KH Pandya | L Ngidi | 6 | 0 | NA | NA | NA | NA |
| ## 215 | KH Pandya | L Ngidi | 1 | 0 | NA | NA | NA | NA |
| ## 216 | KH Pandya | SN Thakur | 0 | 1 | 1 | NA | NA | NA |
| ## 217 | KH Pandya | SN Thakur | 6 | 0 | NA | NA | NA | NA |
| ## 218 | KH Pandya | SN Thakur | 4 | 0 | NA | NA | NA | NA |
| ## 219 | KH Pandya | SN Thakur | 0 | 1 | 1 | NA | NA | NA |
| ## 220 | KH Pandya | SN Thakur | 4 | 0 | NA | NA | NA | NA |
| ## 221 | KH Pandya | SN Thakur | 4 | 0 | NA | NA | NA | NA |
| ## 222 | KH Pandya | SN Thakur | 0 | 1 | 1 | NA | NA | NA |
| ## 223 | KH Pandya | SN Thakur | 1 | 0 | NA | NA | NA | NA |
| ## 224 | KA Pollard | SN Thakur | 1 | 0 | NA | NA | NA | NA |
| ## 225 | KA Pollard | L Ngidi | 6 | 0 | NA | NA | NA | NA |
| ## 226 | KA Pollard | L Ngidi | 0 | 0 | NA | NA | NA | NA |
| ## 227 | KA Pollard | L Ngidi | 4 | 0 | NA | NA | NA | NA |
| ## 228 | KA Pollard | L Ngidi | 1 | 0 | NA | NA | NA | NA |
| ## 229 | KH Pandya | L Ngidi | 1 | 0 | NA | NA | NA | NA |
| ## 230 | KA Pollard | L Ngidi | 4 | 0 | NA | NA | NA | NA |
| ## 231 | KH Pandya | SM Curran | 0 | 0 | NA | NA | NA | NA |
| ## 232 | KH Pandya | SM Curran | 1 | 0 | NA | NA | NA | NA |
| ## 233 | KA Pollard | SM Curran | 0 | 0 | NA | NA | NA | NA |
| ## 234 | KA Pollard | SM Curran | 0 | 0 | NA | NA | NA | NA |
| ## 235 | KA Pollard | SM Curran | 1 | 0 | NA | NA | NA | NA |
| ## 236 | HH Pandya | SM Curran | 0 | 0 | NA | NA | NA | NA |
| ## 237 | KA Pollard | SN Thakur | 1 | 0 | NA | NA | NA | NA |
| ## 238 | HH Pandya | SN Thakur | 0 | 1 | 1 | NA | NA | NA |
| ## 239 | HH Pandya | SN Thakur | 6 | 0 | NA | NA | NA | NA |
| ## 240 | HH Pandya | SN Thakur | 4 | 0 | NA | NA | NA | NA |
| ## 241 | HH Pandya | SN Thakur | 2 | 0 | NA | NA | NA | NA |
| ## 242 | HH Pandya | SN Thakur | 2 | 0 | NA | NA | NA | NA |
| ## 243 | HH Pandya | SN Thakur | 0 | 1 | 1 | NA | NA | NA |
| ## 244 | HH Pandya | SN Thakur | 0 | 0 | NA | NA | NA | NA |
| ## 245 | KA Pollard | SM Curran | 6 | 0 | NA | NA | NA | NA |
| ## 246 | KA Pollard | SM Curran | 6 | 0 | NA | NA | NA | NA |
| ## 247 | KA Pollard | SM Curran | 2 | 0 | NA | NA | NA | NA |
| ## 248 | KA Pollard | SM Curran | 0 | 0 | NA | NA | NA | NA |
| ## 249 | JDS Neesham | SM Curran | 1 | 0 | NA | NA | NA | NA |
| ## 250 | KA Pollard | SM Curran | 0 | 0 | NA | NA | NA | NA |
| ## 251 | DS Kulkarni | L Ngidi | 0 | 0 | NA | NA | NA | NA |
| ## 252 | DS Kulkarni | L Ngidi | 4 | 0 | NA | NA | NA | NA |
| ## 253 | DS Kulkarni | L Ngidi | 4 | 0 | NA | NA | NA | NA |
| ## 254 | DS Kulkarni | L Ngidi | 0 | 0 | NA | NA | NA | NA |
| ## 255 | DS Kulkarni | L Ngidi | 6 | 0 | NA | NA | NA | NA |
| ## 256 | DS Kulkarni | L Ngidi | 2 | 0 | NA | NA | NA | NA |
| ## | penalty | wicket_type | player_dismissed | other_wicket_type | | | | |
| ## 1 | NA | | | | NA | | | |
| ## 2 | NA | | | | NA | | | |
| ## 3 | NA | | | | NA | | | |
| ## 4 | NA | caught | RD Gaikwad | | NA | | | |
| ## 5 | NA | | | | NA | | | |

| | | |
|-------|----|----|
| ## 6 | NA | NA |
| ## 7 | NA | NA |
| ## 8 | NA | NA |
| ## 9 | NA | NA |
| ## 10 | NA | NA |
| ## 11 | NA | NA |
| ## 12 | NA | NA |
| ## 13 | NA | NA |
| ## 14 | NA | NA |
| ## 15 | NA | NA |
| ## 16 | NA | NA |
| ## 17 | NA | NA |
| ## 18 | NA | NA |
| ## 19 | NA | NA |
| ## 20 | NA | NA |
| ## 21 | NA | NA |
| ## 22 | NA | NA |
| ## 23 | NA | NA |
| ## 24 | NA | NA |
| ## 25 | NA | NA |
| ## 26 | NA | NA |
| ## 27 | NA | NA |
| ## 28 | NA | NA |
| ## 29 | NA | NA |
| ## 30 | NA | NA |
| ## 31 | NA | NA |
| ## 32 | NA | NA |
| ## 33 | NA | NA |
| ## 34 | NA | NA |
| ## 35 | NA | NA |
| ## 36 | NA | NA |
| ## 37 | NA | NA |
| ## 38 | NA | NA |
| ## 39 | NA | NA |
| ## 40 | NA | NA |
| ## 41 | NA | NA |
| ## 42 | NA | NA |
| ## 43 | NA | NA |
| ## 44 | NA | NA |
| ## 45 | NA | NA |
| ## 46 | NA | NA |
| ## 47 | NA | NA |
| ## 48 | NA | NA |
| ## 49 | NA | NA |
| ## 50 | NA | NA |
| ## 51 | NA | NA |
| ## 52 | NA | NA |
| ## 53 | NA | NA |
| ## 54 | NA | NA |
| ## 55 | NA | NA |
| ## 56 | NA | NA |
| ## 57 | NA | NA |

| | | | |
|--------|----|--------|--------------|
| ## 58 | NA | | NA |
| ## 59 | NA | | NA |
| ## 60 | NA | | NA |
| ## 61 | NA | | NA |
| ## 62 | NA | | NA |
| ## 63 | NA | | NA |
| ## 64 | NA | | NA |
| ## 65 | NA | caught | MM Ali |
| ## 66 | NA | | NA |
| ## 67 | NA | | NA |
| ## 68 | NA | | NA |
| ## 69 | NA | | NA |
| ## 70 | NA | | NA |
| ## 71 | NA | caught | F du Plessis |
| ## 72 | NA | caught | SK Raina |
| ## 73 | NA | | NA |
| ## 74 | NA | | NA |
| ## 75 | NA | | NA |
| ## 76 | NA | | NA |
| ## 77 | NA | | NA |
| ## 78 | NA | | NA |
| ## 79 | NA | | NA |
| ## 80 | NA | | NA |
| ## 81 | NA | | NA |
| ## 82 | NA | | NA |
| ## 83 | NA | | NA |
| ## 84 | NA | | NA |
| ## 85 | NA | | NA |
| ## 86 | NA | | NA |
| ## 87 | NA | | NA |
| ## 88 | NA | | NA |
| ## 89 | NA | | NA |
| ## 90 | NA | | NA |
| ## 91 | NA | | NA |
| ## 92 | NA | | NA |
| ## 93 | NA | | NA |
| ## 94 | NA | | NA |
| ## 95 | NA | | NA |
| ## 96 | NA | | NA |
| ## 97 | NA | | NA |
| ## 98 | NA | | NA |
| ## 99 | NA | | NA |
| ## 100 | NA | | NA |
| ## 101 | NA | | NA |
| ## 102 | NA | | NA |
| ## 103 | NA | | NA |
| ## 104 | NA | | NA |
| ## 105 | NA | | NA |
| ## 106 | NA | | NA |
| ## 107 | NA | | NA |
| ## 108 | NA | | NA |
| ## 109 | NA | | NA |

| | | |
|--------|----|----|
| ## 110 | NA | NA |
| ## 111 | NA | NA |
| ## 112 | NA | NA |
| ## 113 | NA | NA |
| ## 114 | NA | NA |
| ## 115 | NA | NA |
| ## 116 | NA | NA |
| ## 117 | NA | NA |
| ## 118 | NA | NA |
| ## 119 | NA | NA |
| ## 120 | NA | NA |
| ## 121 | NA | NA |
| ## 122 | NA | NA |
| ## 123 | NA | NA |
| ## 124 | NA | NA |
| ## 125 | NA | NA |
| ## 126 | NA | NA |
| ## 127 | NA | NA |
| ## 128 | NA | NA |
| ## 129 | NA | NA |
| ## 130 | NA | NA |
| ## 131 | NA | NA |
| ## 132 | NA | NA |
| ## 133 | NA | NA |
| ## 134 | NA | NA |
| ## 135 | NA | NA |
| ## 136 | NA | NA |
| ## 137 | NA | NA |
| ## 138 | NA | NA |
| ## 139 | NA | NA |
| ## 140 | NA | NA |
| ## 141 | NA | NA |
| ## 142 | NA | NA |
| ## 143 | NA | NA |
| ## 144 | NA | NA |
| ## 145 | NA | NA |
| ## 146 | NA | NA |
| ## 147 | NA | NA |
| ## 148 | NA | NA |
| ## 149 | NA | NA |
| ## 150 | NA | NA |
| ## 151 | NA | NA |
| ## 152 | NA | NA |
| ## 153 | NA | NA |
| ## 154 | NA | NA |
| ## 155 | NA | NA |
| ## 156 | NA | NA |
| ## 157 | NA | NA |
| ## 158 | NA | NA |
| ## 159 | NA | NA |
| ## 160 | NA | NA |
| ## 161 | NA | NA |

| | | | | |
|--------|----|-------------------|-----------|----|
| ## 162 | NA | | NA | |
| ## 163 | NA | | NA | |
| ## 164 | NA | | NA | |
| ## 165 | NA | | NA | |
| ## 166 | NA | | NA | |
| ## 167 | NA | | NA | |
| ## 168 | NA | | NA | |
| ## 169 | NA | | NA | |
| ## 170 | NA | | NA | |
| ## 171 | NA | | NA | |
| ## 172 | NA | | NA | |
| ## 173 | NA | | NA | |
| ## 174 | NA | | NA | |
| ## 175 | NA | | NA | |
| ## 176 | NA | | NA | |
| ## 177 | NA | caught | RG Sharma | NA |
| ## 178 | NA | | | NA |
| ## 179 | NA | | | NA |
| ## 180 | NA | | | NA |
| ## 181 | NA | | | NA |
| ## 182 | NA | | | NA |
| ## 183 | NA | caught | SA Yadav | NA |
| ## 184 | NA | | | NA |
| ## 185 | NA | | | NA |
| ## 186 | NA | | | NA |
| ## 187 | NA | | | NA |
| ## 188 | NA | | | NA |
| ## 189 | NA | caught and bowled | Q de Kock | NA |
| ## 190 | NA | | | NA |
| ## 191 | NA | | | NA |
| ## 192 | NA | | | NA |
| ## 193 | NA | | | NA |
| ## 194 | NA | | | NA |
| ## 195 | NA | | | NA |
| ## 196 | NA | | | NA |
| ## 197 | NA | | | NA |
| ## 198 | NA | | | NA |
| ## 199 | NA | | | NA |
| ## 200 | NA | | | NA |
| ## 201 | NA | | | NA |
| ## 202 | NA | | | NA |
| ## 203 | NA | | | NA |
| ## 204 | NA | | | NA |
| ## 205 | NA | | | NA |
| ## 206 | NA | | | NA |
| ## 207 | NA | | | NA |
| ## 208 | NA | | | NA |
| ## 209 | NA | | | NA |
| ## 210 | NA | | | NA |
| ## 211 | NA | | | NA |
| ## 212 | NA | | | NA |
| ## 213 | NA | | | NA |

```
## 214      NA      NA
## 215      NA      NA
## 216      NA      NA
## 217      NA      NA
## 218      NA      NA
## 219      NA      NA
## 220      NA      NA
## 221      NA      NA
## 222      NA      NA
## 223      NA      NA
## 224      NA      NA
## 225      NA      NA
## 226      NA      NA
## 227      NA      NA
## 228      NA      NA
## 229      NA      NA
## 230      NA      NA
## 231      NA      NA
## 232      NA      NA
## 233      NA      lbw      KH Pandya      NA
## 234      NA      NA      NA
## 235      NA      NA      NA
## 236      NA      NA      NA
## 237      NA      NA      NA
## 238      NA      NA      NA
## 239      NA      NA      NA
## 240      NA      NA      NA
## 241      NA      NA      NA
## 242      NA      NA      NA
## 243      NA      NA      NA
## 244      NA      NA      NA
## 245      NA      NA      NA
## 246      NA      NA      NA
## 247      NA      NA      NA
## 248      NA      caught     HH Pandya      NA
## 249      NA      NA      NA
## 250      NA      caught     JDS Neesham      NA
## 251      NA      NA      NA
## 252      NA      NA      NA
## 253      NA      NA      NA
## 254      NA      NA      NA
## 255      NA      NA      NA
## 256      NA      NA      NA
## other_player_dismissed
## 1          NA
## 2          NA
## 3          NA
## 4          NA
## 5          NA
## 6          NA
## 7          NA
## 8          NA
```

| | |
|-------|----|
| ## 9 | NA |
| ## 10 | NA |
| ## 11 | NA |
| ## 12 | NA |
| ## 13 | NA |
| ## 14 | NA |
| ## 15 | NA |
| ## 16 | NA |
| ## 17 | NA |
| ## 18 | NA |
| ## 19 | NA |
| ## 20 | NA |
| ## 21 | NA |
| ## 22 | NA |
| ## 23 | NA |
| ## 24 | NA |
| ## 25 | NA |
| ## 26 | NA |
| ## 27 | NA |
| ## 28 | NA |
| ## 29 | NA |
| ## 30 | NA |
| ## 31 | NA |
| ## 32 | NA |
| ## 33 | NA |
| ## 34 | NA |
| ## 35 | NA |
| ## 36 | NA |
| ## 37 | NA |
| ## 38 | NA |
| ## 39 | NA |
| ## 40 | NA |
| ## 41 | NA |
| ## 42 | NA |
| ## 43 | NA |
| ## 44 | NA |
| ## 45 | NA |
| ## 46 | NA |
| ## 47 | NA |
| ## 48 | NA |
| ## 49 | NA |
| ## 50 | NA |
| ## 51 | NA |
| ## 52 | NA |
| ## 53 | NA |
| ## 54 | NA |
| ## 55 | NA |
| ## 56 | NA |
| ## 57 | NA |
| ## 58 | NA |
| ## 59 | NA |
| ## 60 | NA |

```
## 61          NA
## 62          NA
## 63          NA
## 64          NA
## 65          NA
## 66          NA
## 67          NA
## 68          NA
## 69          NA
## 70          NA
## 71          NA
## 72          NA
## 73          NA
## 74          NA
## 75          NA
## 76          NA
## 77          NA
## 78          NA
## 79          NA
## 80          NA
## 81          NA
## 82          NA
## 83          NA
## 84          NA
## 85          NA
## 86          NA
## 87          NA
## 88          NA
## 89          NA
## 90          NA
## 91          NA
## 92          NA
## 93          NA
## 94          NA
## 95          NA
## 96          NA
## 97          NA
## 98          NA
## 99          NA
## 100         NA
## 101         NA
## 102         NA
## 103         NA
## 104         NA
## 105         NA
## 106         NA
## 107         NA
## 108         NA
## 109         NA
## 110         NA
## 111         NA
## 112         NA
```

```
## 113      NA
## 114      NA
## 115      NA
## 116      NA
## 117      NA
## 118      NA
## 119      NA
## 120      NA
## 121      NA
## 122      NA
## 123      NA
## 124      NA
## 125      NA
## 126      NA
## 127      NA
## 128      NA
## 129      NA
## 130      NA
## 131      NA
## 132      NA
## 133      NA
## 134      NA
## 135      NA
## 136      NA
## 137      NA
## 138      NA
## 139      NA
## 140      NA
## 141      NA
## 142      NA
## 143      NA
## 144      NA
## 145      NA
## 146      NA
## 147      NA
## 148      NA
## 149      NA
## 150      NA
## 151      NA
## 152      NA
## 153      NA
## 154      NA
## 155      NA
## 156      NA
## 157      NA
## 158      NA
## 159      NA
## 160      NA
## 161      NA
## 162      NA
## 163      NA
## 164      NA
```

| | |
|--------|----|
| ## 165 | NA |
| ## 166 | NA |
| ## 167 | NA |
| ## 168 | NA |
| ## 169 | NA |
| ## 170 | NA |
| ## 171 | NA |
| ## 172 | NA |
| ## 173 | NA |
| ## 174 | NA |
| ## 175 | NA |
| ## 176 | NA |
| ## 177 | NA |
| ## 178 | NA |
| ## 179 | NA |
| ## 180 | NA |
| ## 181 | NA |
| ## 182 | NA |
| ## 183 | NA |
| ## 184 | NA |
| ## 185 | NA |
| ## 186 | NA |
| ## 187 | NA |
| ## 188 | NA |
| ## 189 | NA |
| ## 190 | NA |
| ## 191 | NA |
| ## 192 | NA |
| ## 193 | NA |
| ## 194 | NA |
| ## 195 | NA |
| ## 196 | NA |
| ## 197 | NA |
| ## 198 | NA |
| ## 199 | NA |
| ## 200 | NA |
| ## 201 | NA |
| ## 202 | NA |
| ## 203 | NA |
| ## 204 | NA |
| ## 205 | NA |
| ## 206 | NA |
| ## 207 | NA |
| ## 208 | NA |
| ## 209 | NA |
| ## 210 | NA |
| ## 211 | NA |
| ## 212 | NA |
| ## 213 | NA |
| ## 214 | NA |
| ## 215 | NA |
| ## 216 | NA |

```
## 217      NA
## 218      NA
## 219      NA
## 220      NA
## 221      NA
## 222      NA
## 223      NA
## 224      NA
## 225      NA
## 226      NA
## 227      NA
## 228      NA
## 229      NA
## 230      NA
## 231      NA
## 232      NA
## 233      NA
## 234      NA
## 235      NA
## 236      NA
## 237      NA
## 238      NA
## 239      NA
## 240      NA
## 241      NA
## 242      NA
## 243      NA
## 244      NA
## 245      NA
## 246      NA
## 247      NA
## 248      NA
## 249      NA
## 250      NA
## 251      NA
## 252      NA
## 253      NA
## 254      NA
## 255      NA
## 256      NA
```

```
str(mycricket)
```

```

## 'data.frame': 256 obs. of 18 variables:
## $ innings : int 1 1 1 1 1 1 1 1 1 ...
## $ ball : num 0.1 0.2 0.3 0.4 0.5 0.6 1.1 1.2 1.3 1.4 ...
## $ batting_team : chr "Chennai Super Kings" "Chennai Super Kings" "Chennai Super Kings" "Chennai Super Kings" ...
## $ bowling_team : chr "Mumbai Indians" "Mumbai Indians" "Mumbai Indians" "Mumbai Indians" ...
## $ striker : chr "RD Gaikwad" "RD Gaikwad" "RD Gaikwad" "RD Gaikwad" ...
## $ non_striker : chr "F du Plessis" "F du Plessis" "F du Plessis" "F du Plessis" ...
...
## $ bowler : chr "TA Boult" "TA Boult" "TA Boult" "TA Boult" ...
## $ runs_off_bat : int 0 4 0 0 0 0 4 0 6 0 ...
## $ extras : int 0 0 0 0 0 0 0 0 0 0 ...
## $ wides : int NA NA NA NA NA NA NA NA NA ...
## $ noballs : int NA NA NA NA NA NA NA NA NA ...
## $ byes : logi NA NA NA NA NA NA ...
## $ legbyes : int NA NA NA NA NA NA NA NA NA ...
## $ penalty : logi NA NA NA NA NA NA ...
## $ wicket_type : chr "" "" "caught" ...
## $ player_dismissed : chr "" "" "RD Gaikwad" ...
## $ other_wicket_type : logi NA NA NA NA NA NA ...
## $ other_player_dismissed: logi NA NA NA NA NA NA ...

```

```

mycricket=mycricket%>%separate(col = ball,
                                   into = c("over","ball")) %>% mutate(over = over %>% as.numeric(),
                                                               innings=innings%>%as.numeric(),
                                                               ball = ball %>% as.numeric()) %>% mutate(over = over + 1) %>%
mutate(runs = runs_off_bat + extras) %>%
mutate(cum_runs = cumsum(runs))
#view(mycricket)

```

Analysing Best Performances

#Batting

```

Batting=mycricket %>%
  select(striker, runs_off_bat,innings) %>%
  mutate(is_four = ifelse(runs_off_bat == 4, 1, NA)) %>%
  mutate(is_six = ifelse(runs_off_bat == 6, 1, NA))

```

#CSK BATTING

```

CSK_Batting=Batting%>%
  group_by(striker) %>%
  filter(innings == 1)%>%
  summarise(total_runs = sum(runs_off_bat),
            total_fours = sum(is_four, na.rm = T),
            total_six = sum(is_six, na.rm = T)) %>%
arrange(-total_runs)

```

```
## `summarise()` ungrouping output (override with `groups` argument)
```

CSK_Batting

```
## # A tibble: 6 x 4
##   striker      total_runs total_fours total_six
##   <chr>          <int>        <dbl>       <dbl>
## 1 AT Rayudu     72            4           7
## 2 MM Ali        58            5           5
## 3 F du Plessis 50            2           4
## 4 RA Jadeja    22            2           0
## 5 RD Gaikwad   4             1           0
## 6 SK Raina     2             0           0
```

#MI BATTING

```
MI_Batting=Batting%>%
  group_by(striker) %>%
  filter(innings == 2)%>%
  summarise(total_runs = sum(runs_off_bat),
            total_fours = sum(is_four, na.rm = T),
            total_six = sum(is_six, na.rm = T)) %>%
  arrange(-total_runs)
```

```
## `summarise()` ungrouping output (override with `groups` argument)
```

MI_Batting

```
## # A tibble: 7 x 4
##   striker      total_runs total_fours total_six
##   <chr>          <int>        <dbl>       <dbl>
## 1 KA Pollard    87            6           8
## 2 Q de Kock     38            4           1
## 3 RG Sharma     35            4           1
## 4 KH Pandya    32            2           2
## 5 HH Pandya    16            0           2
## 6 SA Yadav      3            0           0
## 7 JDS Neesham   0            0           0
```

```

mycricket[is.na(mycricket)] = 0
Bowling=mycricket %>% mutate(runs_by_bowler= runs_off_bat + wides+noballs ) %>%
  select(bowler,runs_by_bowler,wicket_type,ball,innings) %>%
#for wickets
  mutate(is_caught = ifelse(wicket_type == "caught",1,NA))%>%
  mutate(is_caught_and_bowled = ifelse(wicket_type == "caught and bowled",1,NA))%>%
  mutate(is_lbw = ifelse(wicket_type == "lbw",1,NA))%>%
  mutate(is_bowled = ifelse(wicket_type == "bowled",1,NA))%>%
  mutate(is_hitwicket = ifelse(wicket_type == "hitwicket",1,NA))

# MI BOWLING
MI_Bowling=Bowling%>%
  group_by(bowler) %>%
  filter(innings == 1)%>%
  summarise(
    total_runs = sum(runs_by_bowler),
    total_wickets = sum(is_caught,is_lbw,is_bowled,is_caught_and_bowled,is_hitwicket,na.rm = T)) %>%
  arrange(-total_wickets)

```

```
## `summarise()` ungrouping output (override with ` `.groups` argument)
```

MI_Bowling

```

## # A tibble: 6 x 3
##   bowler      total_runs total_wickets
##   <chr>        <dbl>        <dbl>
## 1 KA Pollard     12          2
## 2 JJ Bumrah      56          1
## 3 TA Boult       42          1
## 4 DS Kulkarni    48          0
## 5 JDS Neesham    26          0
## 6 RD Chahar       32          0

```

```

# CSK BOWLING
CSK_Bowling=Bowling%>%
  group_by(bowler) %>%
  filter(innings == 2)%>%
  summarise(
    total_runs = sum(runs_by_bowler),
    total_wickets = sum(is_caught,is_lbw,is_bowled,is_caught_and_bowled,is_hitwicket,na.rm = T)) %>%
  arrange(-total_wickets)

```

```
## `summarise()` ungrouping output (override with ` `.groups` argument)
```

CSK_Bowling

```
## # A tibble: 6 x 3
##   bowler    total_runs total_wickets
##   <chr>        <dbl>        <dbl>
## 1 SM Curran     34            3
## 2 MM Ali         1            1
## 3 RA Jadeja     29            1
## 4 SN Thakur     56            1
## 5 DL Chahar     37            0
## 6 L Ngidi       62            0
```

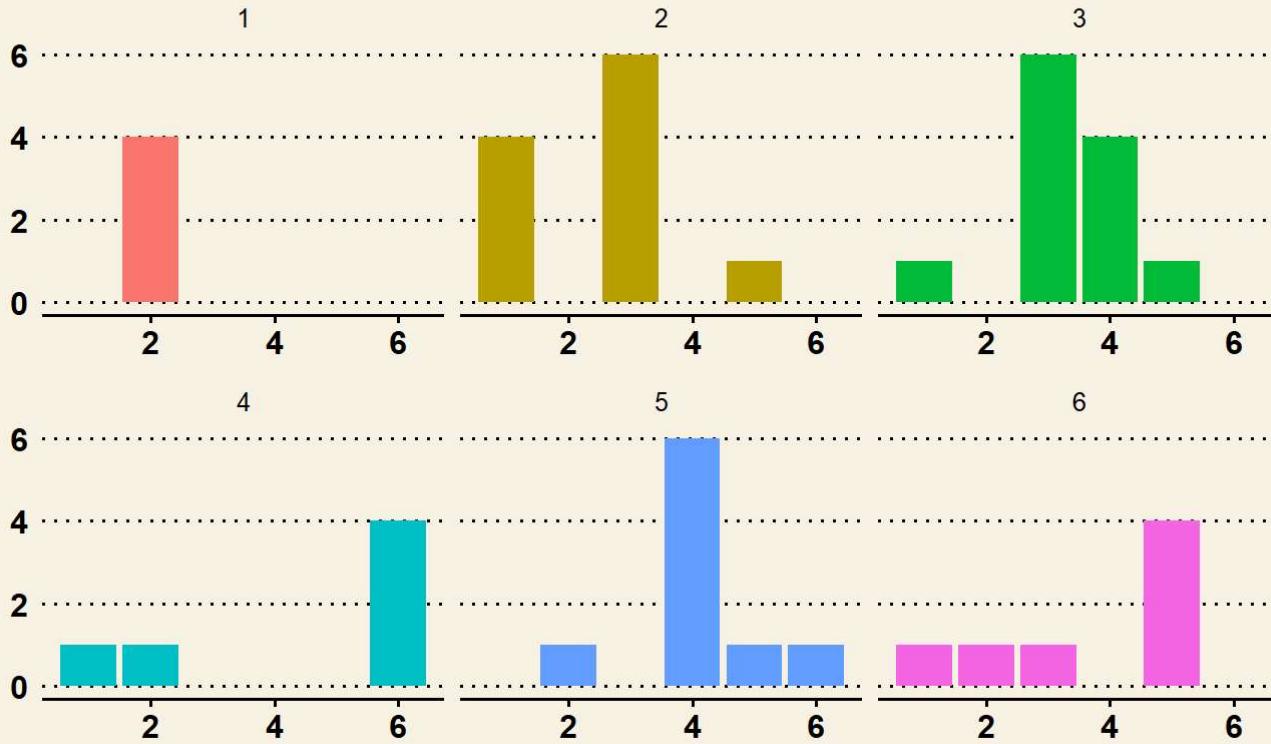
```
# POWERPLAY , Middle Over and Death Over Stats
library(ggthemes)
```

```
## Warning: package 'ggthemes' was built under R version 4.0.5
```

```
#CSK
```

```
# IN POWERPLAY
mycricket %>%
  select(innings,over,ball,runs) %>%
  filter(innings == 1) %>%
  filter(over <= 6) %>%
  mutate(over = over %>% as.factor()) %>%
  ggplot(aes(ball, runs)) +
  geom_col(aes(fill = over)) +
  facet_wrap(~over, scales = "free_x") +
  labs(title = "Powerplay stats",
       subtitle = "CSK") +
  theme_wsj() +
  theme(plot.title = element_text(face = "bold",
                                   size = 25,
                                   hjust = 0.1),
        plot.subtitle = element_text(hjust = 5),
        legend.position = "none")
```

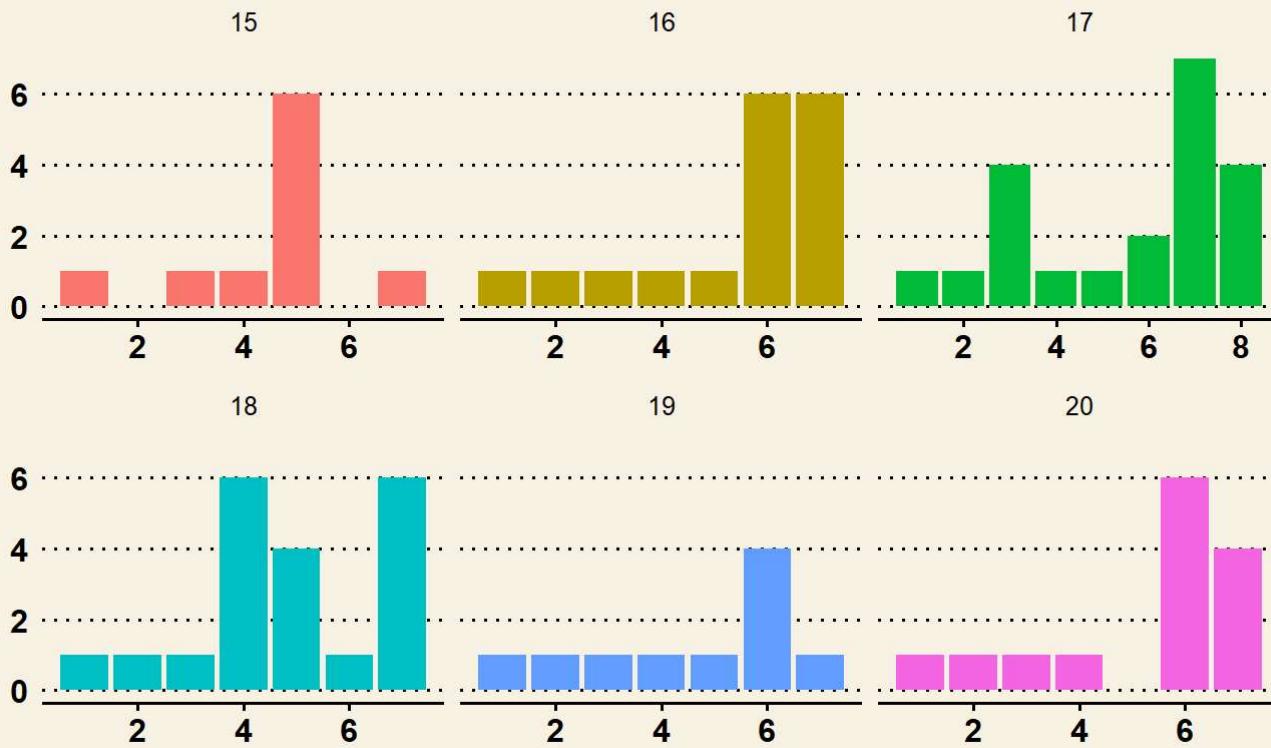
Powerplay stats



In Death Overs

```
mycricket %>%
  select(innings,over,ball,runs) %>%
  filter(innings == 1) %>%
  filter(over >= 15) %>%
  mutate(over = over %>% as.factor()) %>%
  ggplot(aes(ball, runs)) +
  geom_col(aes(fill = over)) +
  facet_wrap(~over, scales = "free_x") +
  labs(title = "Death Over stats",
       subtitle = "CSK") +
  theme_wsj() +
  theme(plot.title = element_text(face = "bold",
                                  size = 25,
                                  hjust = 0.1),
        plot.subtitle = element_text(hjust = 5),
        legend.position = "none")
```

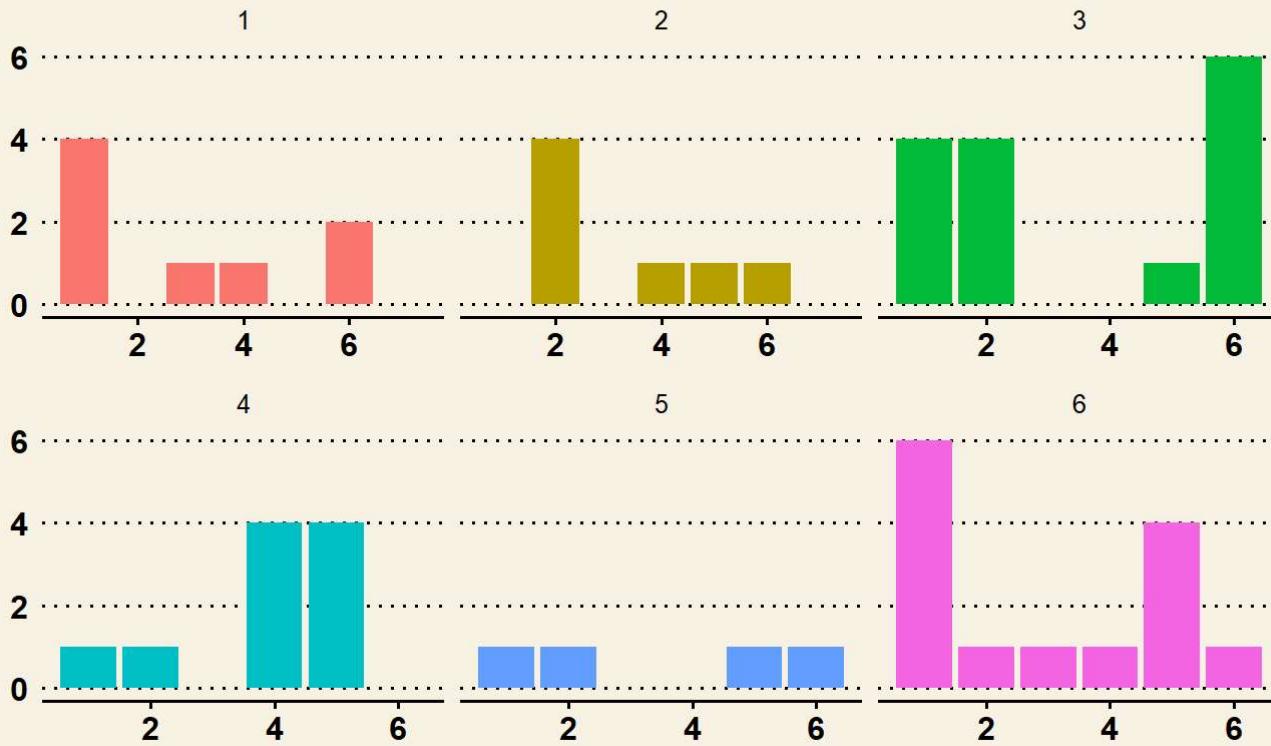
Death Over stats



```
# MI

# In Powerplay
mycricket %>%
  select(innings,over,ball,runs) %>%
  filter(innings == 2) %>%
  filter(over <= 6) %>%
  mutate(over = over %>% as.factor()) %>%
  ggplot(aes(ball, runs)) +
  geom_col(aes(fill = over)) +
  facet_wrap(~over, scales = "free_x") +
  labs(title = "Powerplay stats",
       subtitle = "MI") +
  theme_wsj() +
  theme(plot.title = element_text(face = "bold",
                                   size = 25,
                                   hjust = 0.1),
        plot.subtitle = element_text(hjust = 5),
        legend.position = "none")
```

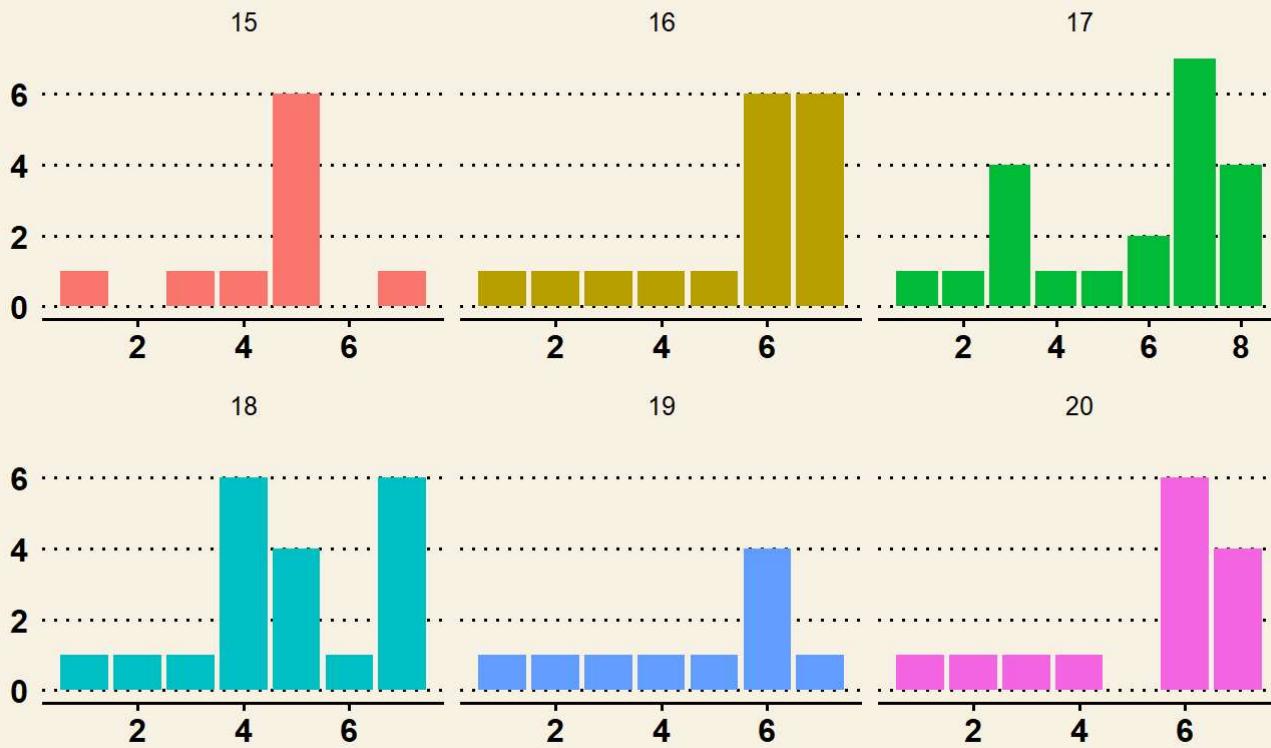
Powerplay stats



In Death Overs

```
mycricket %>%
  select(innings, over, ball, runs) %>%
  filter(innings == 1) %>%
  filter(over >= 15) %>%
  mutate(over = over %>% as.factor()) %>%
  ggplot(aes(ball, runs)) +
  geom_col(aes(fill = over)) +
  facet_wrap(~over, scales = "free_x") +
  labs(title = "Death Overs",
       subtitle = "MI") +
  theme_wsj() +
  theme(plot.title = element_text(face = "bold",
                                  size = 25,
                                  hjust = 0.1),
        plot.subtitle = element_text(hjust = 5),
        legend.position = "none")
```

Death Overs

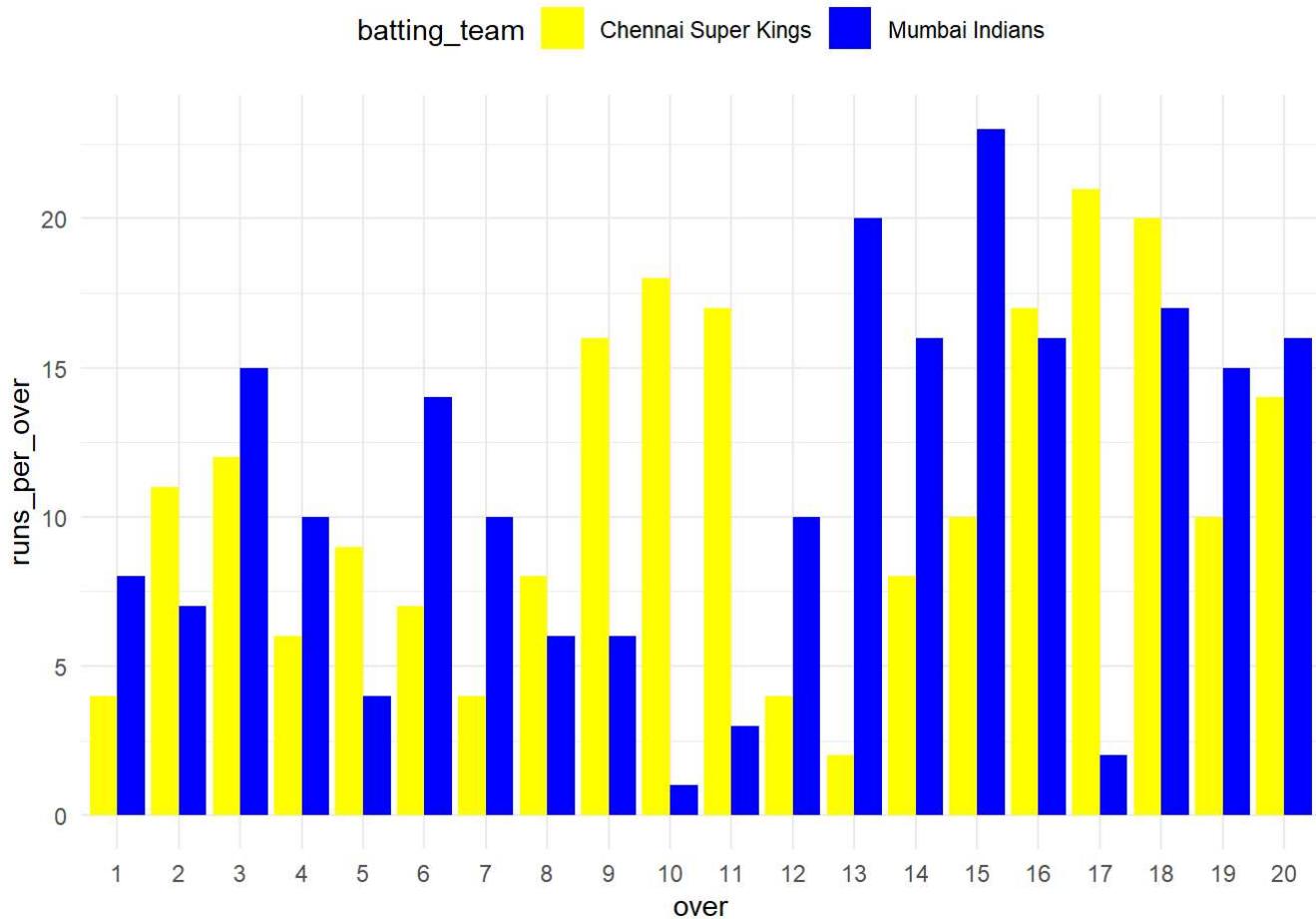


```
#SCORING RATE
```

```
# Manhattan
```

```
mycricket %>%
  group_by(over, batting_team) %>%
  summarise(runs_per_over = sum(runs)) %>%
  arrange(batting_team) %>%
  mutate(over = over %>% as.factor() %>% fct_inorder()) %>%
  ggplot(aes(over, runs_per_over)) +
  geom_col(aes(fill = batting_team), position = "dodge") +
  scale_fill_manual(values = c("Yellow", "Blue")) +
  theme_minimal() +
  theme(legend.position = "top")
```

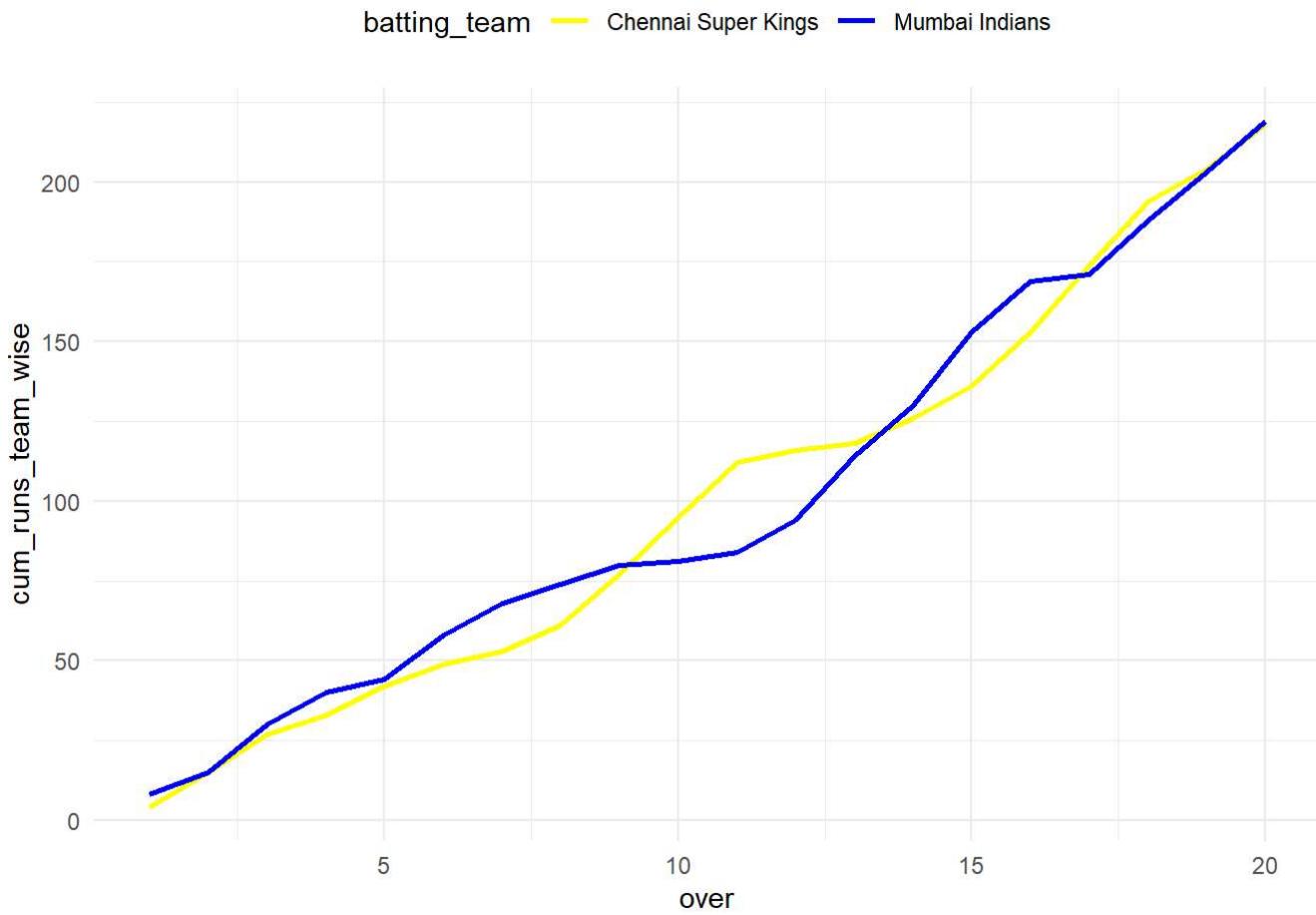
```
## `summarise()` regrouping output by 'over' (override with `groups` argument)
```



```
# Create WORM
```

```
mycricket%>%
  select(innings, batting_team, over, runs) %>%
  group_by(over, batting_team) %>%
  summarise(cum_runs_over_wise = sum(runs)) %>%
  arrange(batting_team) %>%
  ungroup() %>%
  group_by(batting_team) %>%
  mutate(cum_runs_team_wise = cumsum(cum_runs_over_wise)) %>%
  ggplot(aes(over, cum_runs_team_wise, group = batting_team, color = batting_team)) +
  geom_line(size = 1) +
  scale_color_manual(values = c("Yellow", "Blue")) +
  theme_minimal() +
  theme(legend.position = "top")
```

```
## `summarise()` regrouping output by 'over' (override with `groups` argument)
```



```
#Run Rate
```

```
# Run Rate graph
mycricket %>%
  select(innings, batting_team, over, runs) %>%
  group_by(over, batting_team) %>%
  summarise(runs_per_over = sum(runs)) %>%
  group_by(batting_team) %>%
  arrange(batting_team) %>%
  mutate(cum_runs = cumsum(runs_per_over)) %>%
  mutate(run_rate = cum_runs/over) %>%
  # time to plot
  mutate(over = over %>% as.factor()) %>%
  select(over, batting_team, run_rate) %>%
  ggplot(aes(over, run_rate, color = batting_team, group = batting_team)) +
  geom_line(size = 1) +
  scale_y_continuous(limits = c(0, 20)) +
  scale_color_manual(values = c("Yellow", "Blue")) +
  theme_minimal() +
  theme(legend.position = "top")
```

```
## `summarise()` regrouping output by 'over' (override with ` .groups` argument)
```

