

```
In [21]: main()
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1. Match Stats since year 2010

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Fig 1.1 - Innings Team

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|   | team      | batting | total | won | lost |
|---|-----------|---------|-------|-----|------|
| 0 | australia | 1st     | 109   | 63  | 46   |
| 1 | australia | 2nd     | 75    | 47  | 28   |
| 2 | india     | 1st     | 90    | 55  | 35   |
| 3 | india     | 2nd     | 127   | 89  | 38   |

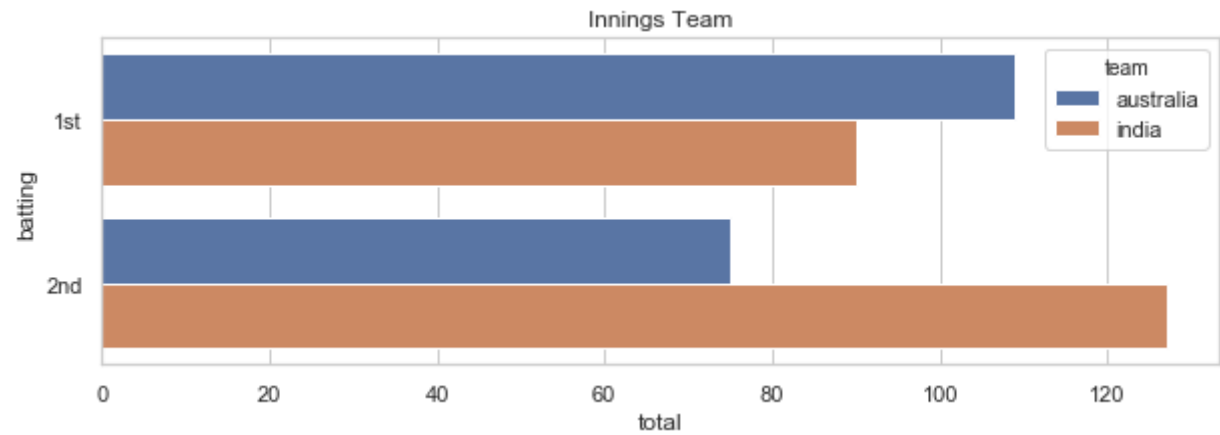
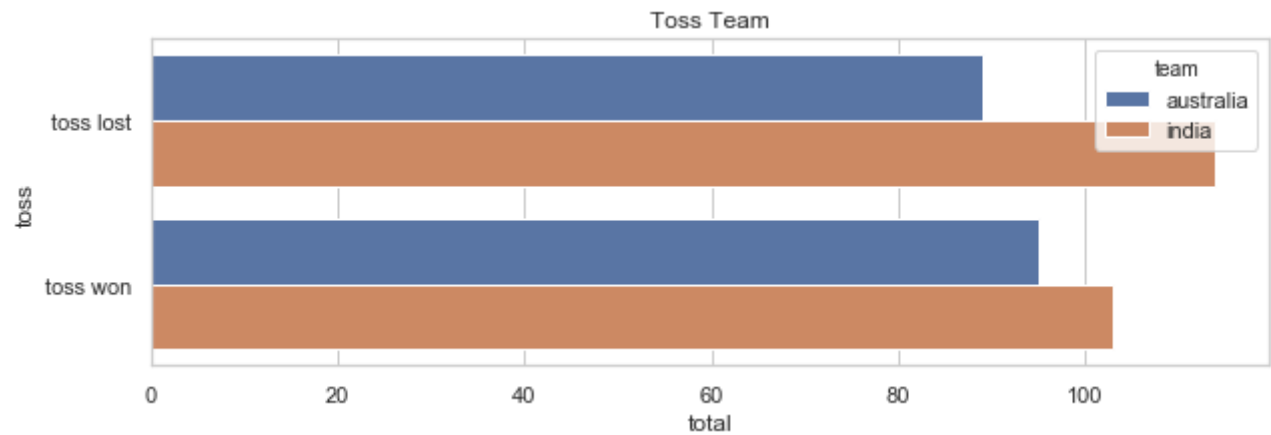


Fig 1.2 - Toss Team

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	team	toss	total	won	lost
0	australia	toss lost	89	59	30
1	australia	toss won	95	51	44
2	india	toss lost	114	70	44
3	india	toss won	103	74	29



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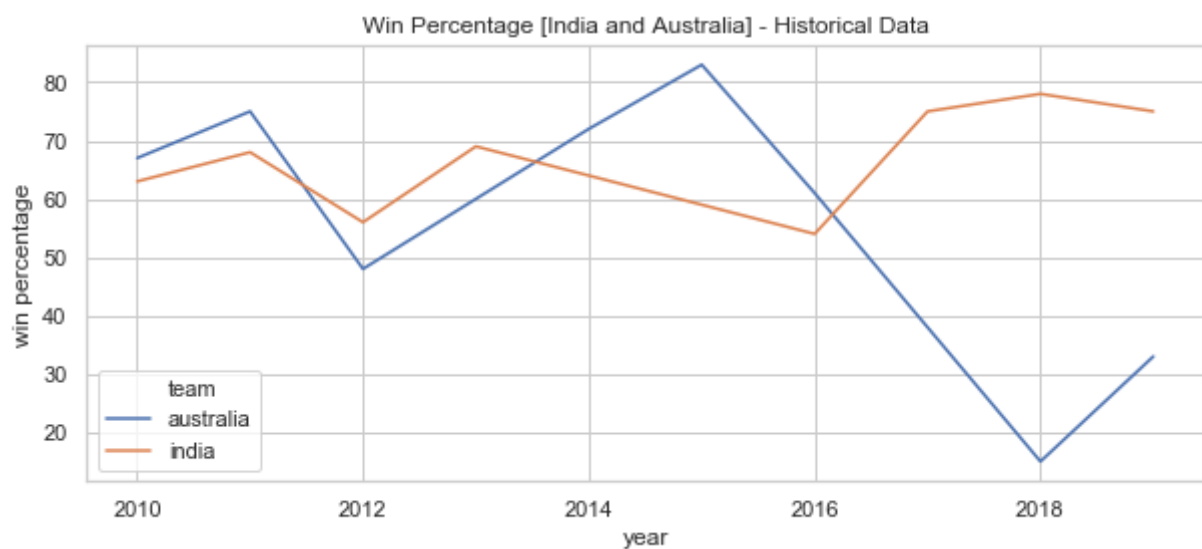
2. Team Stats since year 2010

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Fig 2.1 - Win Percentage [India and Australia] - Historical Data

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|    | year | team      | won | lost | win percentage |
|----|------|-----------|-----|------|----------------|
| 0  | 2010 | australia | 16  | 8    | 67             |
| 1  | 2010 | india     | 17  | 10   | 63             |
| 2  | 2011 | australia | 18  | 6    | 75             |
| 3  | 2011 | india     | 21  | 10   | 68             |
| 4  | 2012 | australia | 11  | 12   | 48             |
| 5  | 2012 | india     | 9   | 7    | 56             |
| 6  | 2013 | australia | 12  | 8    | 60             |
| 7  | 2013 | india     | 22  | 10   | 69             |
| 8  | 2014 | australia | 13  | 5    | 72             |
| 9  | 2014 | india     | 14  | 8    | 64             |
| 10 | 2015 | australia | 15  | 3    | 83             |
| 11 | 2015 | india     | 13  | 9    | 59             |
| 12 | 2016 | australia | 17  | 11   | 61             |
| 13 | 2016 | india     | 7   | 6    | 54             |
| 14 | 2017 | australia | 5   | 8    | 38             |
| 15 | 2017 | india     | 21  | 7    | 75             |
| 16 | 2018 | australia | 2   | 11   | 15             |
| 17 | 2018 | india     | 14  | 4    | 78             |
| 18 | 2019 | australia | 1   | 2    | 33             |
| 19 | 2019 | india     | 6   | 2    | 75             |



|   | team      | won | lost | win percentage |
|---|-----------|-----|------|----------------|
| 0 | australia | 110 | 74   | 60             |
| 1 | india     | 144 | 73   | 66             |

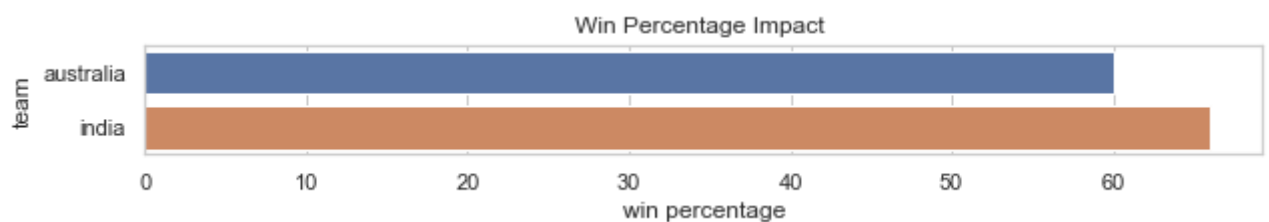
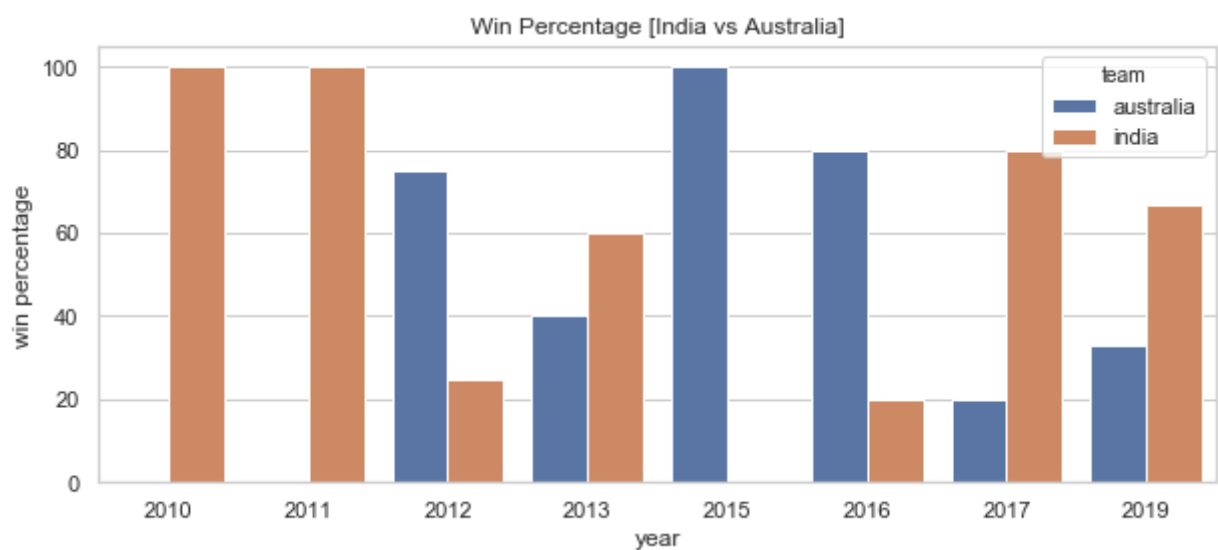


Fig 2.2 - Win Percentage [India vs Australia]

|    | year | team      | won | lost | win percentage |
|----|------|-----------|-----|------|----------------|
| 0  | 2010 | australia | 0   | 1    | 0              |
| 1  | 2010 | india     | 1   | 0    | 100            |
| 2  | 2011 | australia | 0   | 1    | 0              |
| 3  | 2011 | india     | 1   | 0    | 100            |
| 4  | 2012 | australia | 3   | 1    | 75             |
| 5  | 2012 | india     | 1   | 3    | 25             |
| 6  | 2013 | australia | 2   | 3    | 40             |
| 7  | 2013 | india     | 3   | 2    | 60             |
| 8  | 2015 | australia | 2   | 0    | 100            |
| 9  | 2015 | india     | 0   | 2    | 0              |
| 10 | 2016 | australia | 4   | 1    | 80             |
| 11 | 2016 | india     | 1   | 4    | 20             |
| 12 | 2017 | australia | 1   | 4    | 20             |
| 13 | 2017 | india     | 4   | 1    | 80             |
| 14 | 2019 | australia | 1   | 2    | 33             |
| 15 | 2019 | india     | 2   | 1    | 67             |



|   | team      | won | lost | win percentage |
|---|-----------|-----|------|----------------|
| 0 | australia | 13  | 13   | 50             |
| 1 | india     | 13  | 13   | 50             |

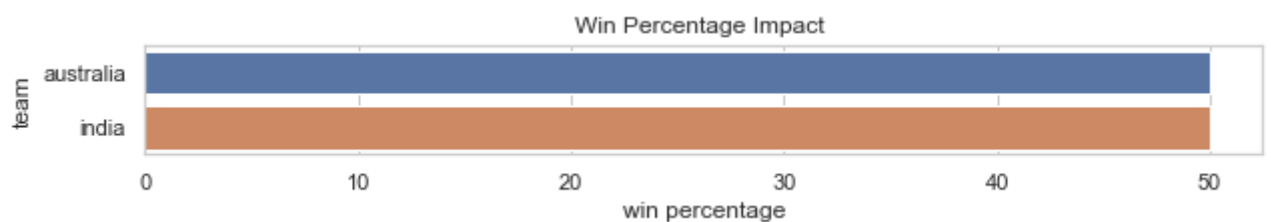
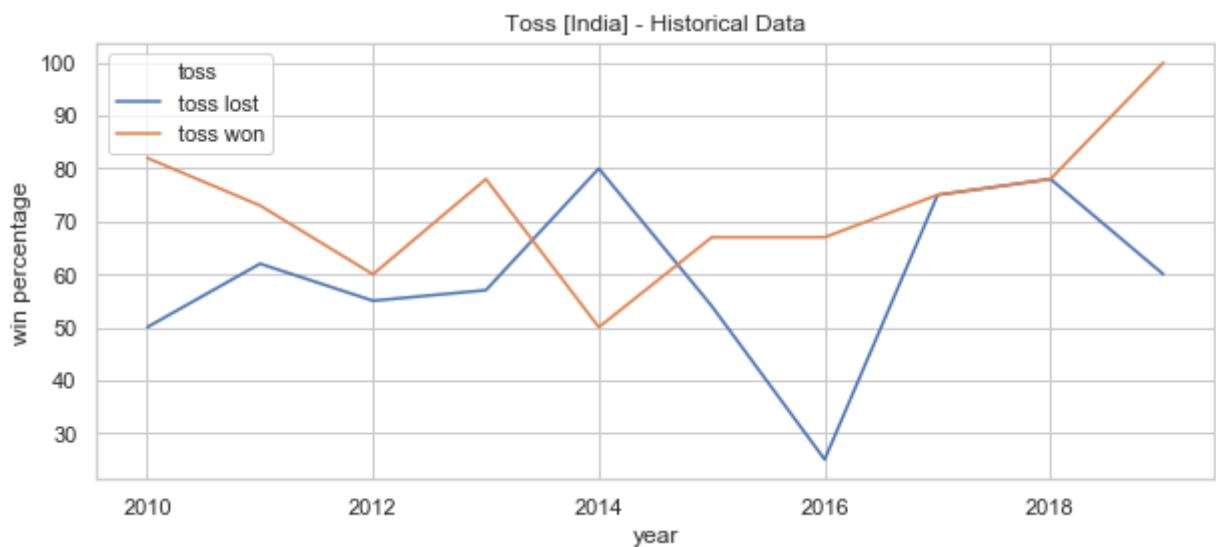


Fig 2.3 - Toss [India] - Historical Data

|  | year | toss | won | lost | win percentage |
|--|------|------|-----|------|----------------|
|--|------|------|-----|------|----------------|

|    | year | toss      | won | lost | win percentage |
|----|------|-----------|-----|------|----------------|
| 0  | 2010 | toss lost | 8   | 8    | 50             |
| 1  | 2010 | toss won  | 9   | 2    | 82             |
| 2  | 2011 | toss lost | 10  | 6    | 62             |
| 3  | 2011 | toss won  | 11  | 4    | 73             |
| 4  | 2012 | toss lost | 6   | 5    | 55             |
| 5  | 2012 | toss won  | 3   | 2    | 60             |
| 6  | 2013 | toss lost | 8   | 6    | 57             |
| 7  | 2013 | toss won  | 14  | 4    | 78             |
| 8  | 2014 | toss lost | 8   | 2    | 80             |
| 9  | 2014 | toss won  | 6   | 6    | 50             |
| 10 | 2015 | toss lost | 7   | 6    | 54             |
| 11 | 2015 | toss won  | 6   | 3    | 67             |
| 12 | 2016 | toss lost | 1   | 3    | 25             |
| 13 | 2016 | toss won  | 6   | 3    | 67             |
| 14 | 2017 | toss lost | 12  | 4    | 75             |
| 15 | 2017 | toss won  | 9   | 3    | 75             |
| 16 | 2018 | toss lost | 7   | 2    | 78             |
| 17 | 2018 | toss won  | 7   | 2    | 78             |
| 18 | 2019 | toss lost | 3   | 2    | 60             |
| 19 | 2019 | toss won  | 3   | 0    | 100            |



|   | toss      | won | lost | win percentage |
|---|-----------|-----|------|----------------|
| 0 | toss lost | 70  | 44   | 61             |
| 1 | toss won  | 74  | 29   | 72             |

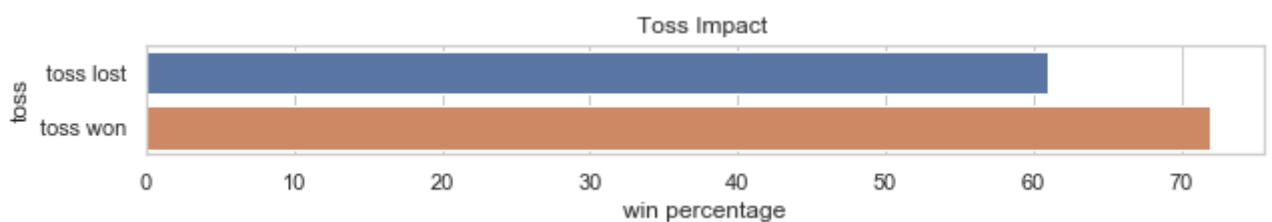
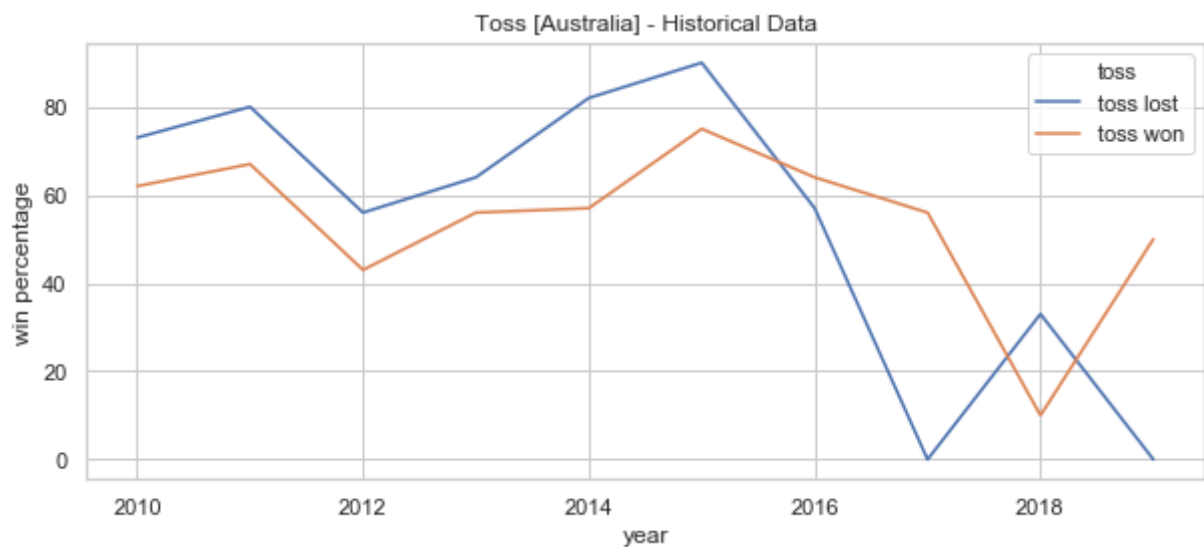


Fig 2.4 - Toss [Australia] - Historical Data

|    | year | toss      | won | lost | win percentage |
|----|------|-----------|-----|------|----------------|
| 0  | 2010 | toss lost | 8   | 3    | 73             |
| 1  | 2010 | toss won  | 8   | 5    | 62             |
| 2  | 2011 | toss lost | 12  | 3    | 80             |
| 3  | 2011 | toss won  | 6   | 3    | 67             |
| 4  | 2012 | toss lost | 5   | 4    | 56             |
| 5  | 2012 | toss won  | 6   | 8    | 43             |
| 6  | 2013 | toss lost | 7   | 4    | 64             |
| 7  | 2013 | toss won  | 5   | 4    | 56             |
| 8  | 2014 | toss lost | 9   | 2    | 82             |
| 9  | 2014 | toss won  | 4   | 3    | 57             |
| 10 | 2015 | toss lost | 9   | 1    | 90             |
| 11 | 2015 | toss won  | 6   | 2    | 75             |
| 12 | 2016 | toss lost | 8   | 6    | 57             |
| 13 | 2016 | toss won  | 9   | 5    | 64             |
| 14 | 2017 | toss lost | 0   | 4    | 0              |
| 15 | 2017 | toss won  | 5   | 4    | 56             |
| 16 | 2018 | toss lost | 1   | 2    | 33             |
| 17 | 2018 | toss won  | 1   | 9    | 10             |
| 18 | 2019 | toss lost | 0   | 1    | 0              |
| 19 | 2019 | toss won  | 1   | 1    | 50             |



|   | toss      | won | lost | win percentage |
|---|-----------|-----|------|----------------|
| 0 | toss lost | 59  | 30   | 66             |
| 1 | toss won  | 51  | 44   | 54             |

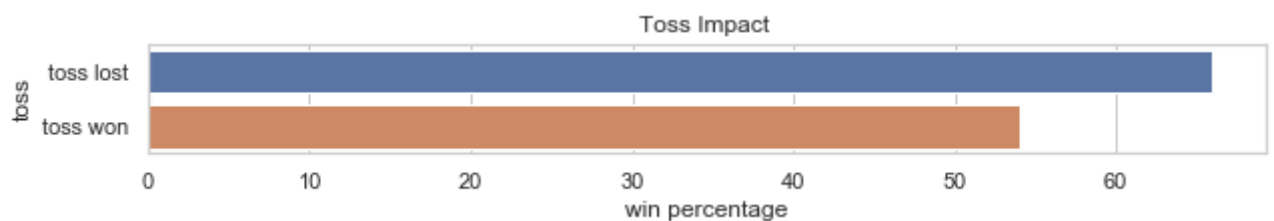
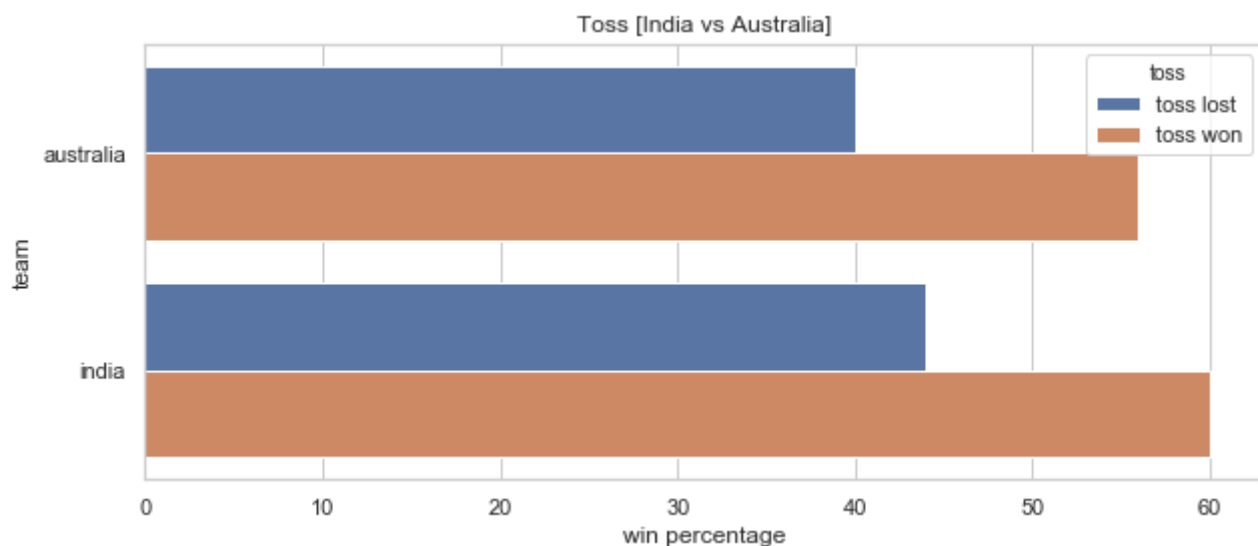


Fig 2.5 - Toss [India vs Australia]

|   | team      | toss      | won | lost | win percentage |
|---|-----------|-----------|-----|------|----------------|
| 0 | australia | toss lost | 4   | 6    | 40             |
| 1 | australia | toss won  | 9   | 7    | 56             |
| 2 | india     | toss lost | 7   | 9    | 44             |
| 3 | india     | toss won  | 6   | 4    | 60             |



|   | toss      | won | lost | win percentage |
|---|-----------|-----|------|----------------|
| 0 | toss lost | 11  | 15   | 42             |
| 1 | toss won  | 15  | 11   | 58             |

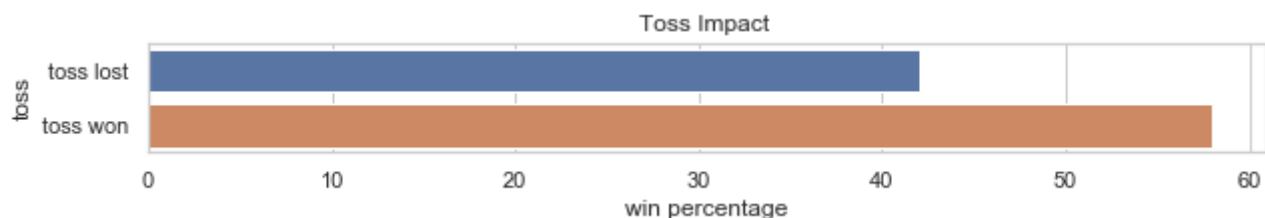
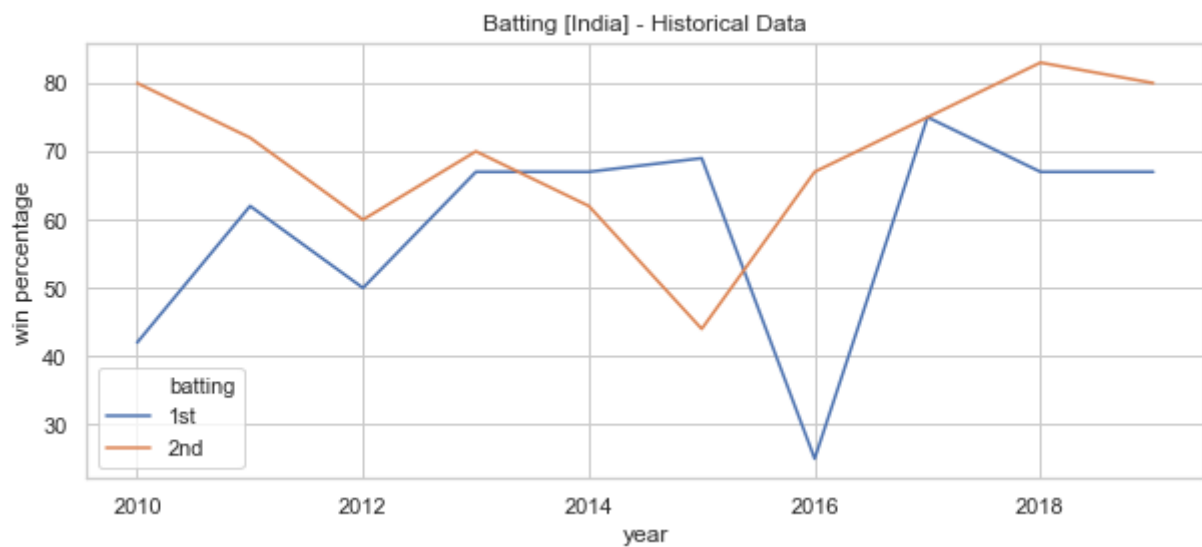


Fig 2.6 - Batting [India] - Historical Data

|   | year | batting | won | lost | win percentage |
|---|------|---------|-----|------|----------------|
| 0 | 2010 | 1st     | 5   | 7    | 42             |
| 1 | 2010 | 2nd     | 12  | 3    | 80             |
| 2 | 2011 | 1st     | 8   | 5    | 62             |
| 3 | 2011 | 2nd     | 13  | 5    | 72             |
| 4 | 2012 | 1st     | 3   | 3    | 50             |
| 5 | 2012 | 2nd     | 6   | 4    | 60             |
| 6 | 2013 | 1st     | 8   | 4    | 67             |
| 7 | 2013 | 2nd     | 14  | 6    | 70             |
| 8 | 2014 | 1st     | 6   | 3    | 67             |
| 9 | 2014 | 2nd     | 8   | 5    | 62             |

|    | year | batting | won | lost | win percentage |
|----|------|---------|-----|------|----------------|
| 10 | 2015 | 1st     | 9   | 4    | 69             |
| 11 | 2015 | 2nd     | 4   | 5    | 44             |
| 12 | 2016 | 1st     | 1   | 3    | 25             |
| 13 | 2016 | 2nd     | 6   | 3    | 67             |
| 14 | 2017 | 1st     | 9   | 3    | 75             |
| 15 | 2017 | 2nd     | 12  | 4    | 75             |
| 16 | 2018 | 1st     | 4   | 2    | 67             |
| 17 | 2018 | 2nd     | 10  | 2    | 83             |
| 18 | 2019 | 1st     | 2   | 1    | 67             |
| 19 | 2019 | 2nd     | 4   | 1    | 80             |



|   | batting | won | lost | win percentage |
|---|---------|-----|------|----------------|
| 0 | 1st     | 55  | 35   | 61             |
| 1 | 2nd     | 89  | 38   | 70             |

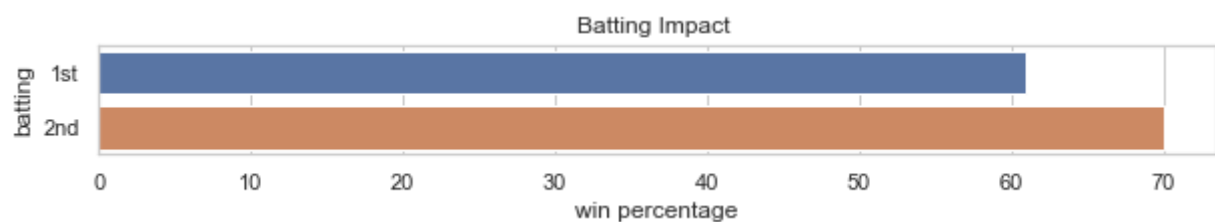
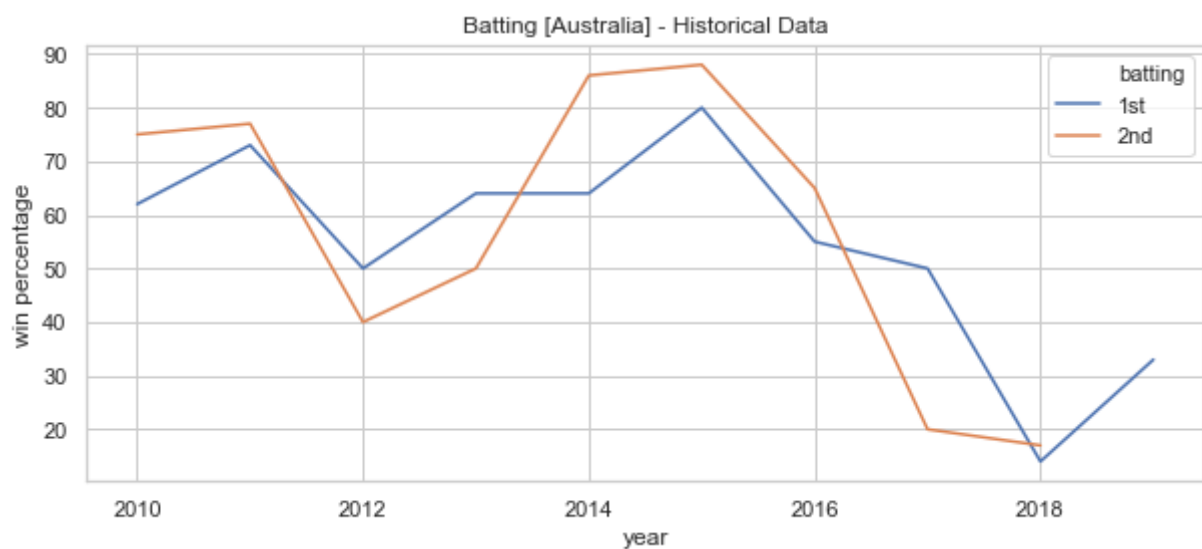


Fig 2.7 - Batting [Australia] - Historical Data

|   | year | batting | won | lost | win percentage |
|---|------|---------|-----|------|----------------|
| 0 | 2010 | 1st     | 10  | 6    | 62             |
| 1 | 2010 | 2nd     | 6   | 2    | 75             |
| 2 | 2011 | 1st     | 8   | 3    | 73             |
| 3 | 2011 | 2nd     | 10  | 3    | 77             |
| 4 | 2012 | 1st     | 9   | 9    | 50             |
| 5 | 2012 | 2nd     | 2   | 3    | 40             |
| 6 | 2013 | 1st     | 9   | 5    | 64             |

|    | year | batting | won | lost | win percentage |
|----|------|---------|-----|------|----------------|
| 7  | 2013 | 2nd     | 3   | 3    | 50             |
| 8  | 2014 | 1st     | 7   | 4    | 64             |
| 9  | 2014 | 2nd     | 6   | 1    | 86             |
| 10 | 2015 | 1st     | 8   | 2    | 80             |
| 11 | 2015 | 2nd     | 7   | 1    | 88             |
| 12 | 2016 | 1st     | 6   | 5    | 55             |
| 13 | 2016 | 2nd     | 11  | 6    | 65             |
| 14 | 2017 | 1st     | 4   | 4    | 50             |
| 15 | 2017 | 2nd     | 1   | 4    | 20             |
| 16 | 2018 | 1st     | 1   | 6    | 14             |
| 17 | 2018 | 2nd     | 1   | 5    | 17             |
| 18 | 2019 | 1st     | 1   | 2    | 33             |



|   | batting | won | lost | win percentage |
|---|---------|-----|------|----------------|
| 0 | 1st     | 63  | 46   | 58             |
| 1 | 2nd     | 47  | 28   | 63             |

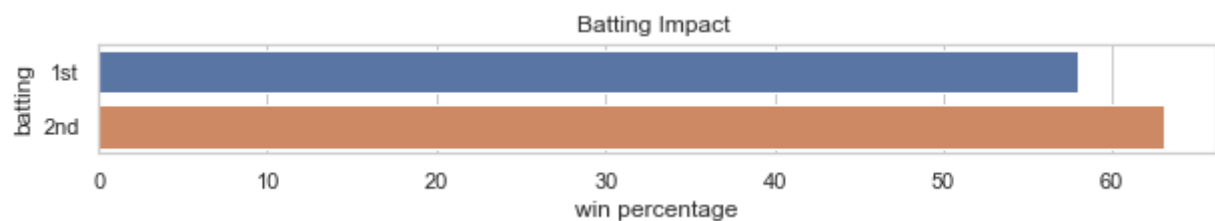
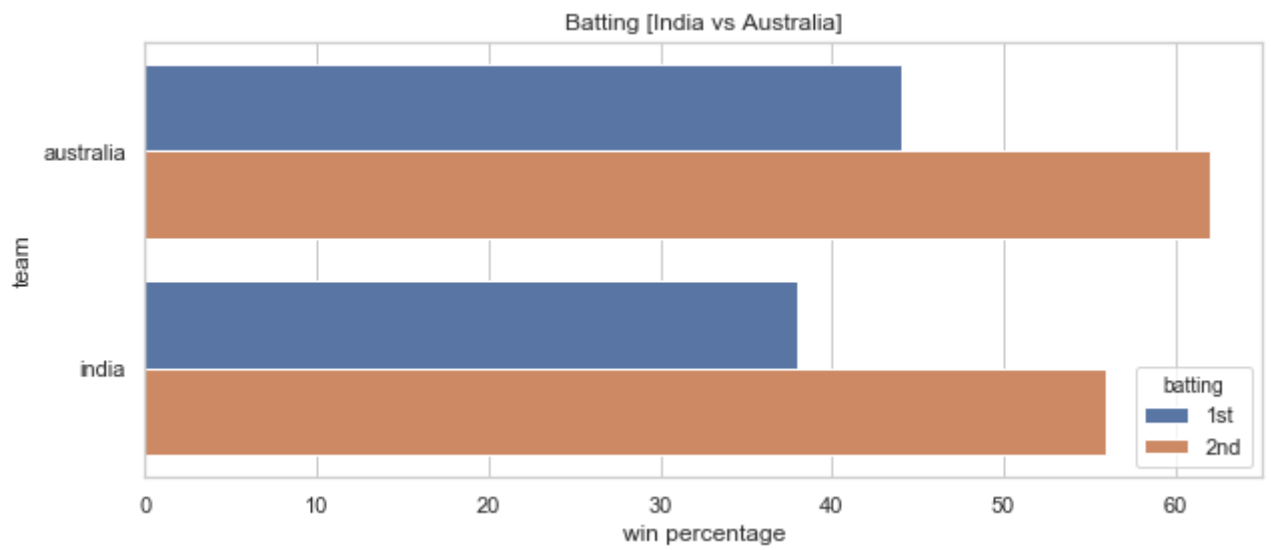


Fig 2.8 - Batting [India vs Australia]

|   | team      | batting | won | lost | win percentage |
|---|-----------|---------|-----|------|----------------|
| 0 | australia | 1st     | 8   | 10   | 44             |
| 1 | australia | 2nd     | 5   | 3    | 62             |
| 2 | india     | 1st     | 3   | 5    | 38             |
| 3 | india     | 2nd     | 10  | 8    | 56             |





|   | batting | won | lost | win percentage |
|---|---------|-----|------|----------------|
| 0 | 1st     | 11  | 15   | 42             |
| 1 | 2nd     | 15  | 11   | 58             |

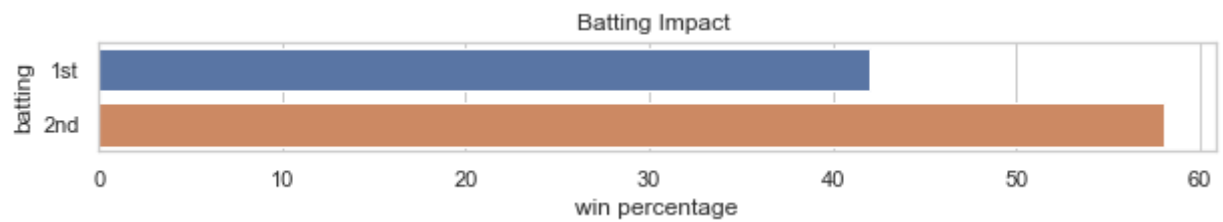
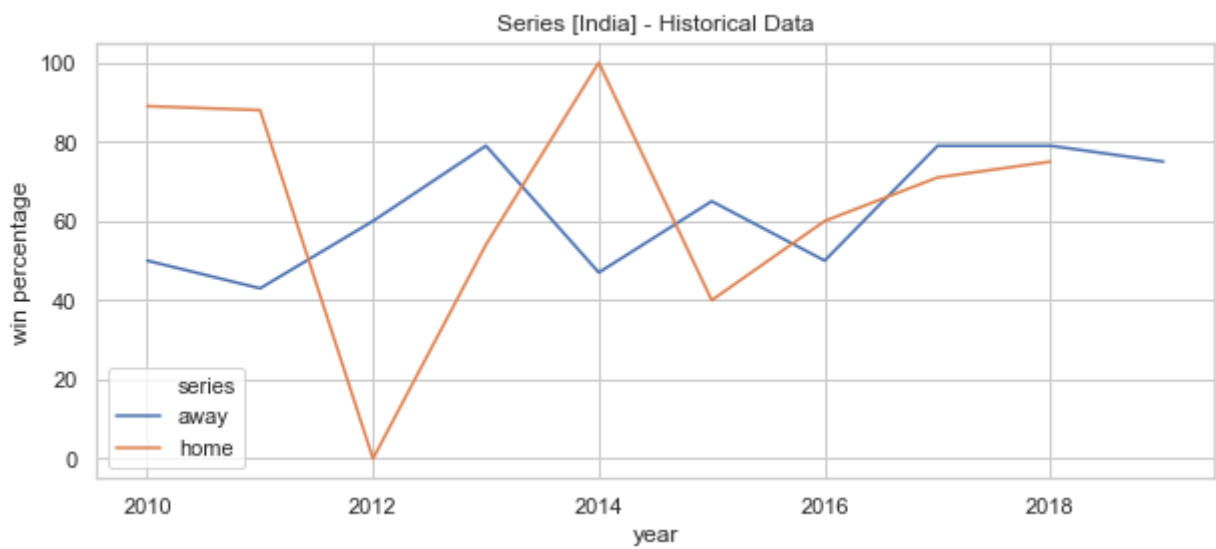


Fig 2.9 - Series [India] - Historical Data

|    | year | series | won | lost | win percentage |
|----|------|--------|-----|------|----------------|
| 0  | 2010 | away   | 9   | 9    | 50             |
| 1  | 2010 | home   | 8   | 1    | 89             |
| 2  | 2011 | away   | 6   | 8    | 43             |
| 3  | 2011 | home   | 15  | 2    | 88             |
| 4  | 2012 | away   | 9   | 6    | 60             |
| 5  | 2012 | home   | 0   | 1    | 0              |
| 6  | 2013 | away   | 15  | 4    | 79             |
| 7  | 2013 | home   | 7   | 6    | 54             |
| 8  | 2014 | away   | 7   | 8    | 47             |
| 9  | 2014 | home   | 7   | 0    | 100            |
| 10 | 2015 | away   | 11  | 6    | 65             |
| 11 | 2015 | home   | 2   | 3    | 40             |
| 12 | 2016 | away   | 4   | 4    | 50             |
| 13 | 2016 | home   | 3   | 2    | 60             |
| 14 | 2017 | away   | 11  | 3    | 79             |
| 15 | 2017 | home   | 10  | 4    | 71             |
| 16 | 2018 | away   | 11  | 3    | 79             |
| 17 | 2018 | home   | 3   | 1    | 75             |

year series won lost win percentage



|   | series | won | lost | win percentage |
|---|--------|-----|------|----------------|
| 0 | away   | 89  | 53   | 63             |
| 1 | home   | 55  | 20   | 73             |

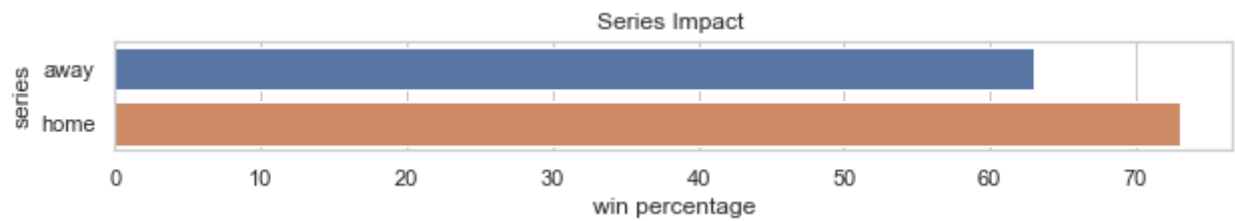
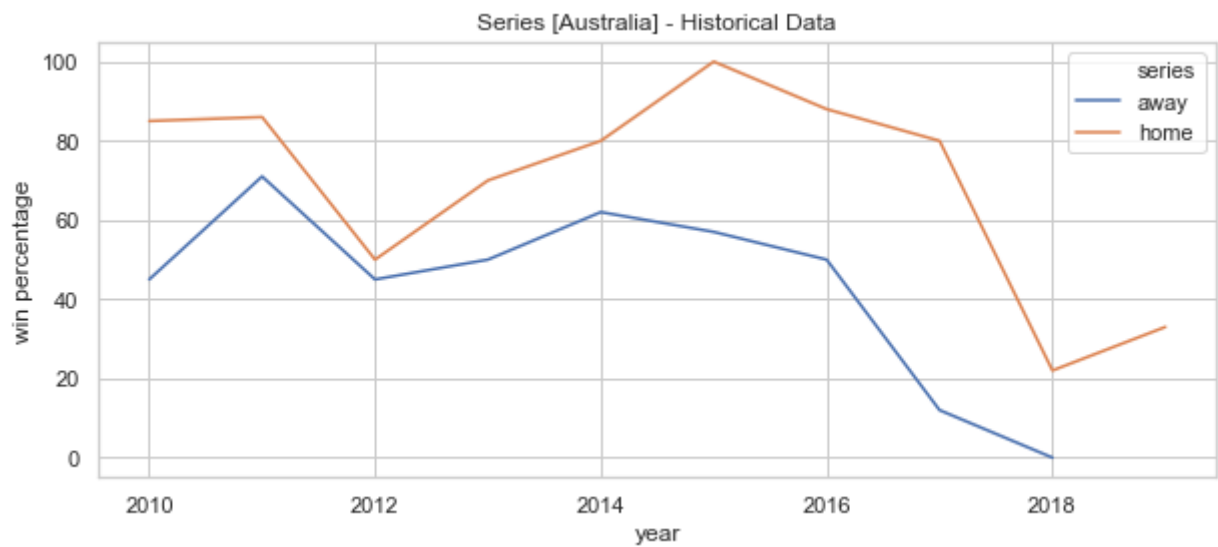


Fig 2.10 - Series [Australia] - Historical Data

|    | year | series | won | lost | win percentage |
|----|------|--------|-----|------|----------------|
| 0  | 2010 | away   | 5   | 6    | 45             |
| 1  | 2010 | home   | 11  | 2    | 85             |
| 2  | 2011 | away   | 12  | 5    | 71             |
| 3  | 2011 | home   | 6   | 1    | 86             |
| 4  | 2012 | away   | 5   | 6    | 45             |
| 5  | 2012 | home   | 6   | 6    | 50             |
| 6  | 2013 | away   | 5   | 5    | 50             |
| 7  | 2013 | home   | 7   | 3    | 70             |
| 8  | 2014 | away   | 5   | 3    | 62             |
| 9  | 2014 | home   | 8   | 2    | 80             |
| 10 | 2015 | away   | 4   | 3    | 57             |
| 11 | 2015 | home   | 11  | 0    | 100            |
| 12 | 2016 | away   | 10  | 10   | 50             |
| 13 | 2016 | home   | 7   | 1    | 88             |
| 14 | 2017 | away   | 1   | 7    | 12             |
| 15 | 2017 | home   | 4   | 1    | 80             |
| 16 | 2018 | away   | 0   | 4    | 0              |
| 17 | 2018 | home   | 2   | 7    | 22             |

|    | year | series | won | lost | win percentage |
|----|------|--------|-----|------|----------------|
| 18 | 2019 | home   | 1   | 2    | 33             |



|   | series | won | lost | win percentage |
|---|--------|-----|------|----------------|
| 0 | away   | 47  | 49   | 49             |
| 1 | home   | 63  | 25   | 72             |

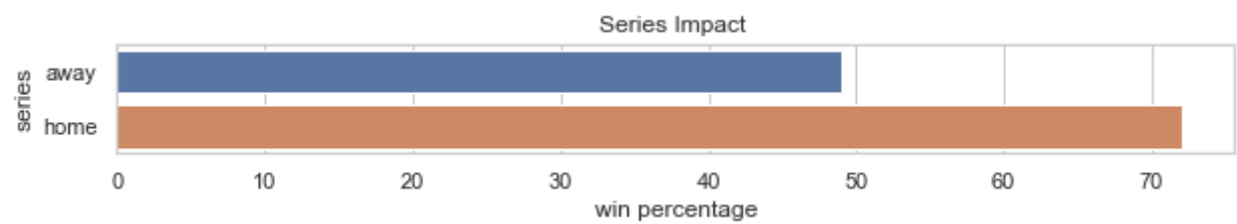
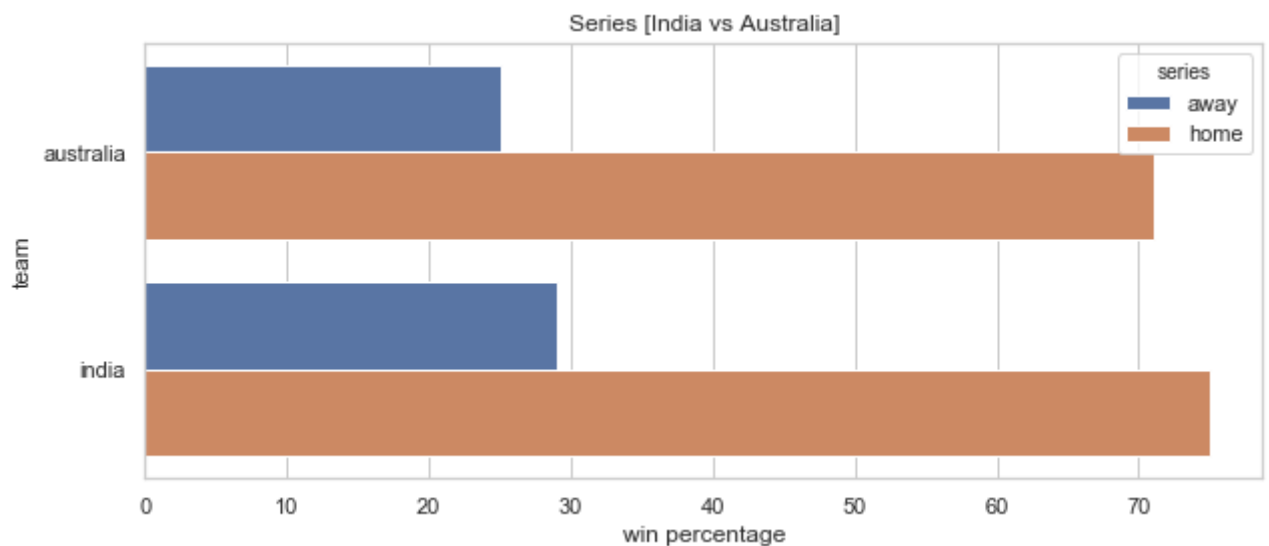


Fig 2.11 - Series [India vs Australia]

|   | team      | series | won | lost | win percentage |
|---|-----------|--------|-----|------|----------------|
| 0 | australia | away   | 3   | 9    | 25             |
| 1 | australia | home   | 10  | 4    | 71             |
| 2 | india     | away   | 4   | 10   | 29             |
| 3 | india     | home   | 9   | 3    | 75             |



|   | series | won | lost | win percentage |
|---|--------|-----|------|----------------|
| 0 | away   | 7   | 19   | 27             |
| 1 | home   | 19  | 7    | 73             |

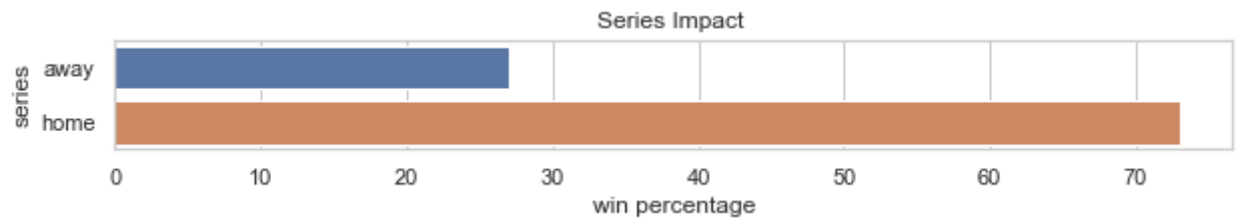
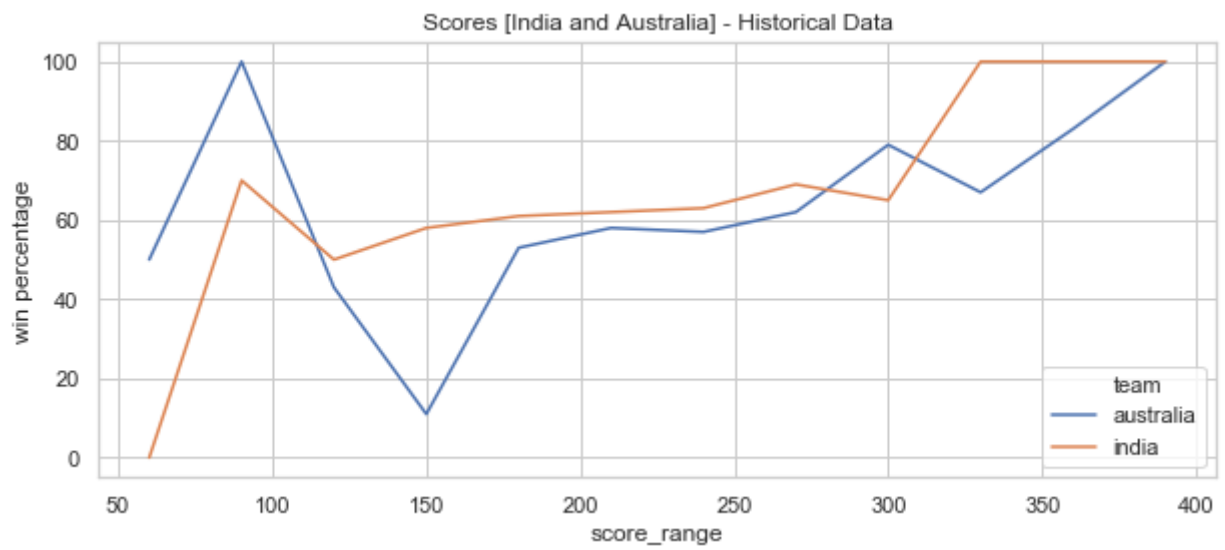


Fig 2.12 - Scores [India and Australia] - Historical Data

|    | score_range | team      | won | lost | win percentage |
|----|-------------|-----------|-----|------|----------------|
| 0  | 60          | australia | 1   | 1    | 50             |
| 1  | 60          | india     | 0   | 1    | 0              |
| 2  | 90          | australia | 2   | 0    | 100            |
| 3  | 90          | india     | 7   | 3    | 70             |
| 4  | 120         | australia | 3   | 4    | 43             |
| 5  | 120         | india     | 4   | 4    | 50             |
| 6  | 150         | australia | 1   | 8    | 11             |
| 7  | 150         | india     | 11  | 8    | 58             |
| 8  | 180         | australia | 10  | 9    | 53             |
| 9  | 180         | india     | 11  | 7    | 61             |
| 10 | 210         | australia | 22  | 16   | 58             |
| 11 | 210         | india     | 25  | 15   | 62             |
| 12 | 240         | australia | 16  | 12   | 57             |
| 13 | 240         | india     | 24  | 14   | 63             |
| 14 | 270         | australia | 24  | 15   | 62             |
| 15 | 270         | india     | 27  | 12   | 69             |
| 16 | 300         | australia | 19  | 5    | 79             |
| 17 | 300         | india     | 17  | 9    | 65             |
| 18 | 330         | australia | 6   | 3    | 67             |
| 19 | 330         | india     | 7   | 0    | 100            |
| 20 | 360         | australia | 5   | 1    | 83             |
| 21 | 360         | india     | 7   | 0    | 100            |
| 22 | 390         | australia | 1   | 0    | 100            |
| 23 | 390         | india     | 4   | 0    | 100            |



|   | team      | won | lost | win percentage |
|---|-----------|-----|------|----------------|
| 0 | australia | 110 | 74   | 60             |
| 1 | india     | 144 | 73   | 66             |

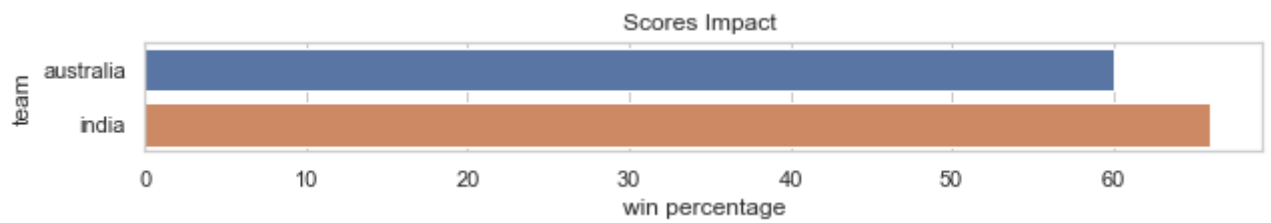
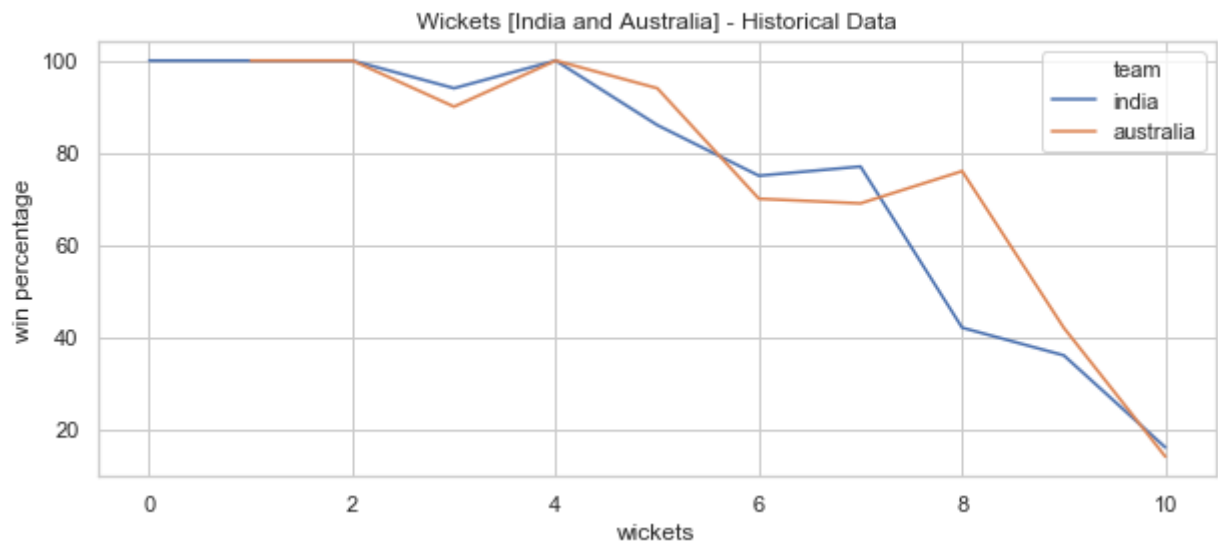


Fig 2.13 - Wickets [India and Australia] - Historical Data

|    | wickets | team      | won | lost | win percentage |
|----|---------|-----------|-----|------|----------------|
| 0  | 0       | india     | 1   | 0    | 100            |
| 1  | 1       | australia | 3   | 0    | 100            |
| 2  | 1       | india     | 11  | 0    | 100            |
| 3  | 2       | australia | 4   | 0    | 100            |
| 4  | 2       | india     | 18  | 0    | 100            |
| 5  | 3       | australia | 9   | 1    | 90             |
| 6  | 3       | india     | 16  | 1    | 94             |
| 7  | 4       | australia | 9   | 0    | 100            |
| 8  | 4       | india     | 27  | 0    | 100            |
| 9  | 5       | australia | 17  | 1    | 94             |
| 10 | 5       | india     | 18  | 3    | 86             |
| 11 | 6       | australia | 16  | 7    | 70             |
| 12 | 6       | india     | 18  | 6    | 75             |
| 13 | 7       | australia | 20  | 9    | 69             |
| 14 | 7       | india     | 17  | 5    | 77             |
| 15 | 8       | australia | 16  | 5    | 76             |
| 16 | 8       | india     | 5   | 7    | 42             |
| 17 | 9       | australia | 10  | 14   | 42             |

|    | wickets | team      | won | lost | win percentage |
|----|---------|-----------|-----|------|----------------|
| 18 | 9       | india     | 5   | 9    | 36             |
| 19 | 10      | australia | 6   | 37   | 14             |
| 20 | 10      | india     | 8   | 42   | 16             |



|   | team      | won | lost | win percentage |
|---|-----------|-----|------|----------------|
| 0 | australia | 110 | 74   | 60             |
| 1 | india     | 144 | 73   | 66             |

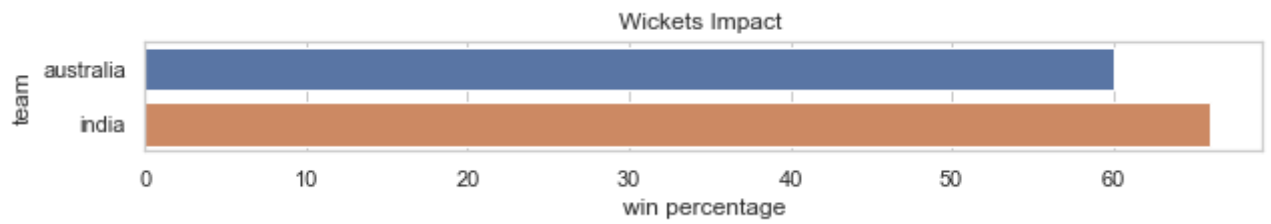
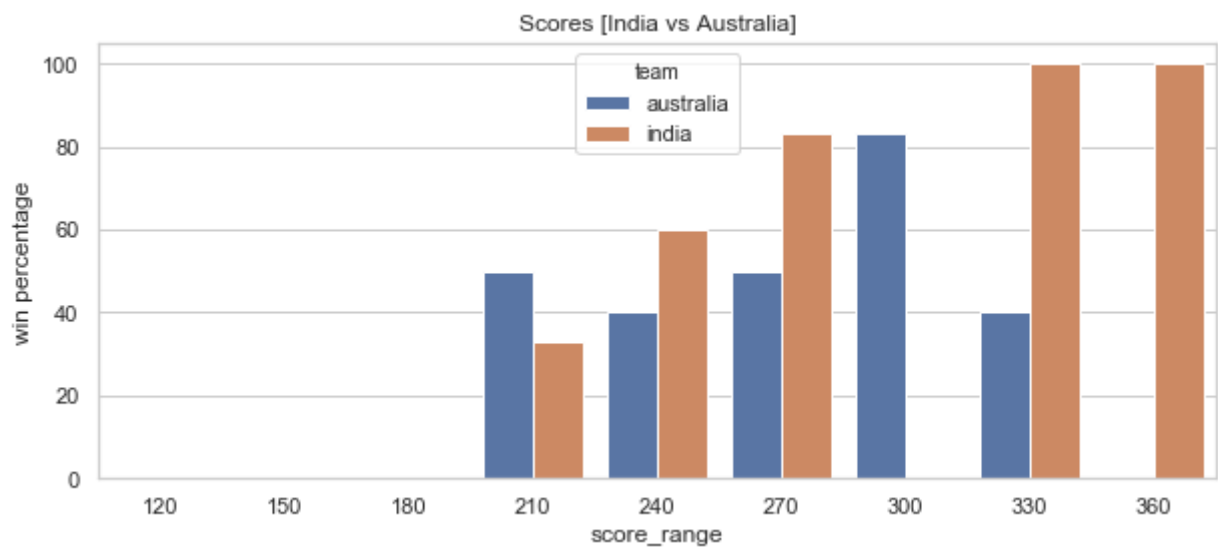


Fig 2.14 - Scores [India vs Australia]

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	score_range	team	won	lost	win percentage
0	120	australia	0	1	0
1	150	india	0	3	0
2	180	australia	0	1	0
3	210	australia	1	1	50
4	210	india	1	2	33
5	240	australia	2	3	40
6	240	india	3	2	60
7	270	australia	3	3	50
8	270	india	5	1	83
9	300	australia	5	1	83
10	300	india	0	5	0
11	330	australia	2	3	40
12	330	india	2	0	100
13	360	india	2	0	100



	team	won	lost	win percentage
0	australia	13	13	50
1	india	13	13	50

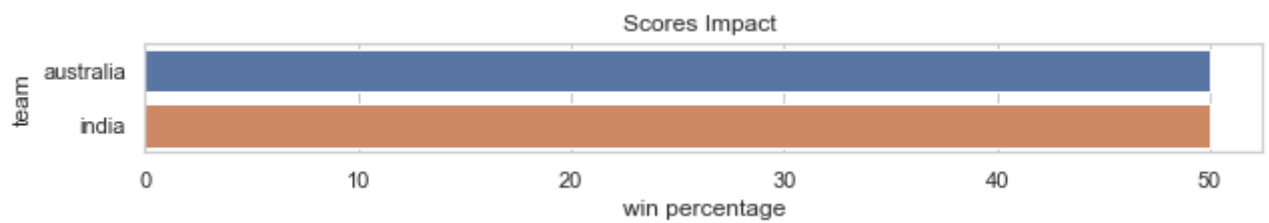
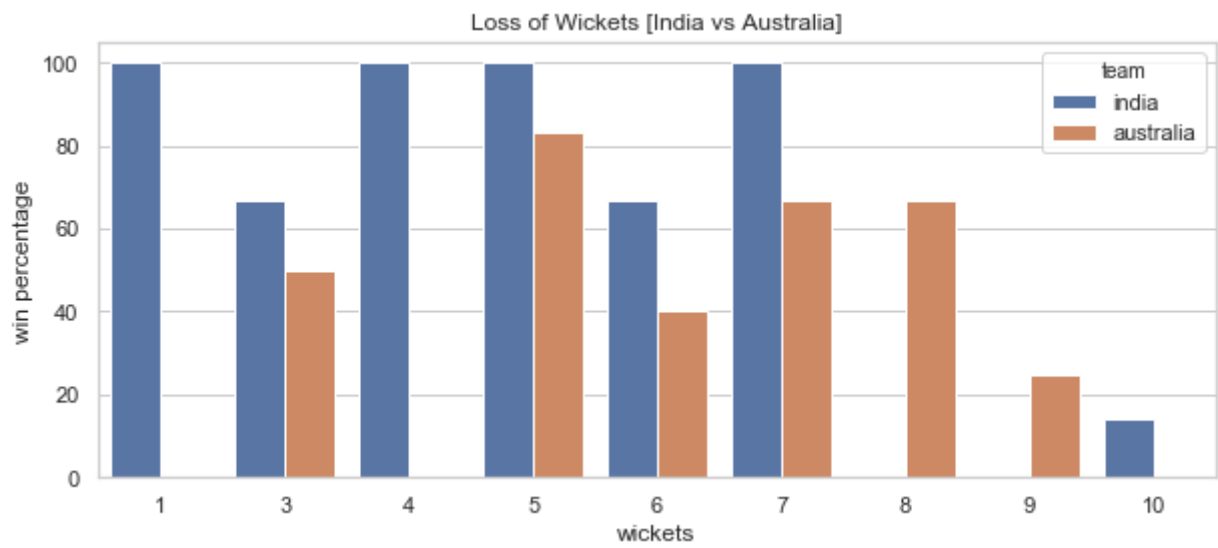
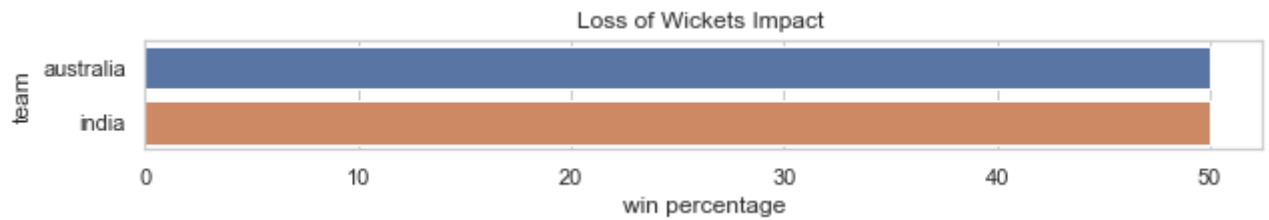


Fig 2.15 - Loss of Wickets [India vs Australia]

	wickets	team	won	lost	win percentage
0	1	india	1	0	100
1	3	australia	1	1	50
2	3	india	2	1	67
3	4	india	3	0	100
4	5	australia	5	1	83
5	5	india	3	0	100
6	6	australia	2	3	40
7	6	india	2	1	67
8	7	australia	2	1	67
9	7	india	1	0	100
10	8	australia	2	1	67
11	8	india	0	3	0
12	9	australia	1	3	25
13	9	india	0	2	0
14	10	australia	0	3	0
15	10	india	1	6	14



	team	won	lost	win percentage
0	australia	13	13	50
1	india	13	13	50



### 3. Ground Stats

Fig 3.1 - Toss - Historical Data

	ground	toss	won	lost	win percentage
0	delhi	toss lost	14	9	61
1	delhi	toss won	9	14	39
2	hyderabad (deccan)	toss lost	7	11	39
3	hyderabad (deccan)	toss won	11	7	61
4	mohali	toss lost	14	10	58
5	mohali	toss won	10	14	42
6	nagpur	toss lost	13	9	59
7	nagpur	toss won	9	13	41
8	ranchi	toss lost	1	2	33
9	ranchi	toss won	2	1	67



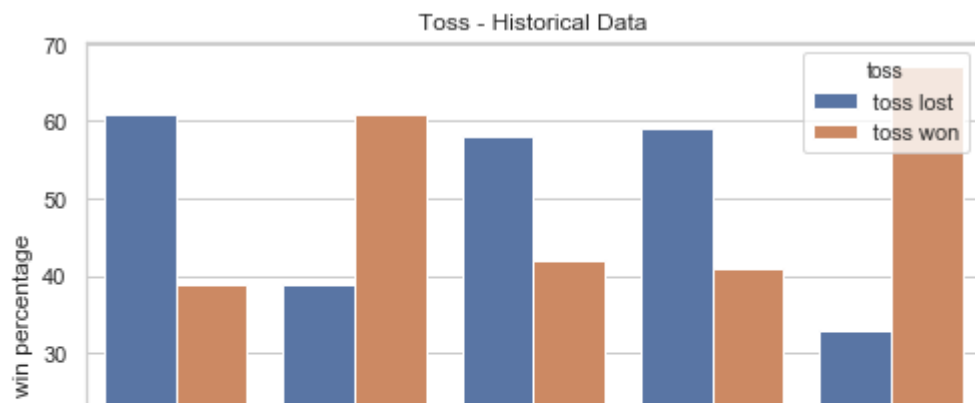


Fig 3.2 - Toss['India'] - Historical Data

	ground	toss	win percentage
0	delhi	toss lost	9
1	delhi	toss won	9
2	hyderabad (deccan)	toss lost	7
3	hyderabad (deccan)	toss won	5
4	mohali	toss lost	5
5	mohali	toss won	10
6	nagpur	toss lost	9
7	nagpur	toss won	8
8	ranchi	toss lost	2
9	ranchi	toss won	1

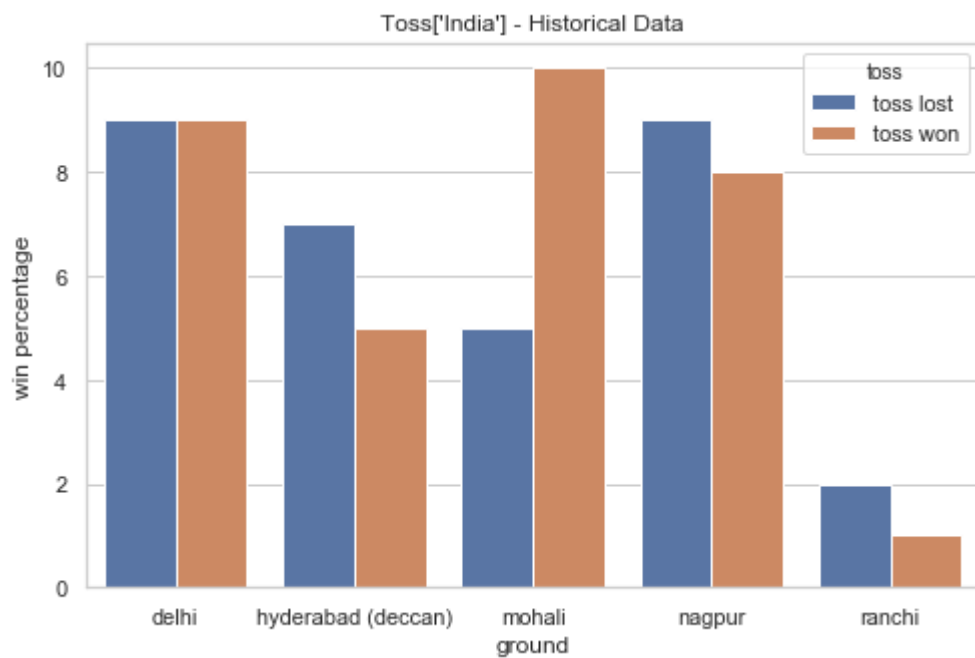


Fig 3.3 - Toss['Australia'] - Historical Data

	ground	toss	win percentage
0	delhi	toss lost	3
1	delhi	toss won	2
2	hyderabad (deccan)	toss won	3
3	mohali	toss lost	3
4	mohali	toss won	3
5	nagpur	toss lost	2
6	nagpur	toss won	4

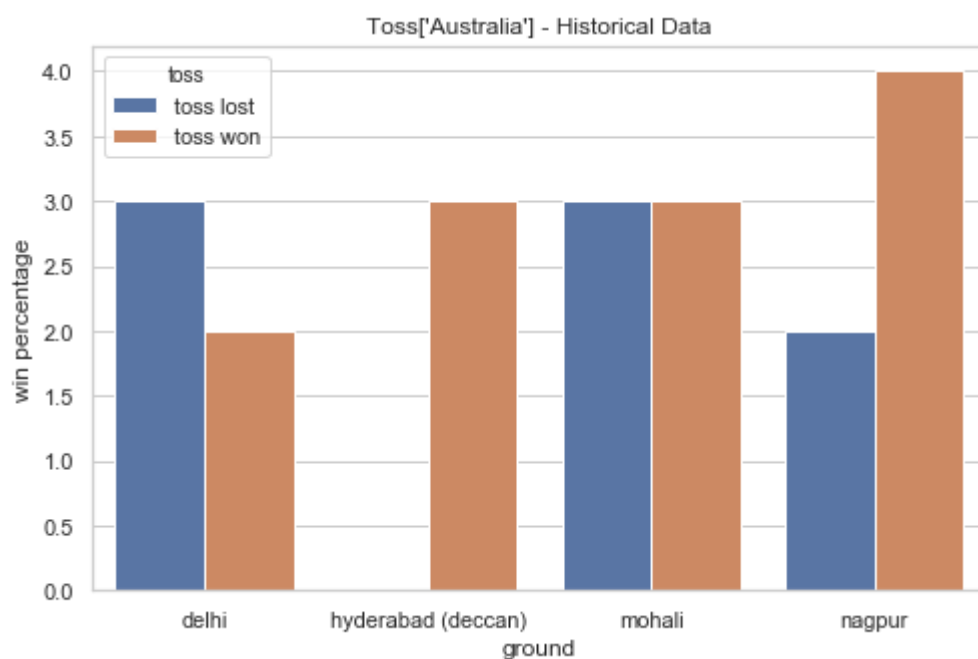


Fig 3.4 - Batting - Historical Data

	ground	batting	won	lost	win percentage
0	delhi	1st	11	12	48
1	delhi	2nd	12	11	52
2	hyderabad (deccan)	1st	10	8	56
3	hyderabad (deccan)	2nd	8	10	44
4	mohali	1st	15	9	62
5	mohali	2nd	9	15	38
6	nagpur	1st	11	11	50
7	nagpur	2nd	11	11	50
8	ranchi	1st	1	2	33
9	ranchi	2nd	2	1	67

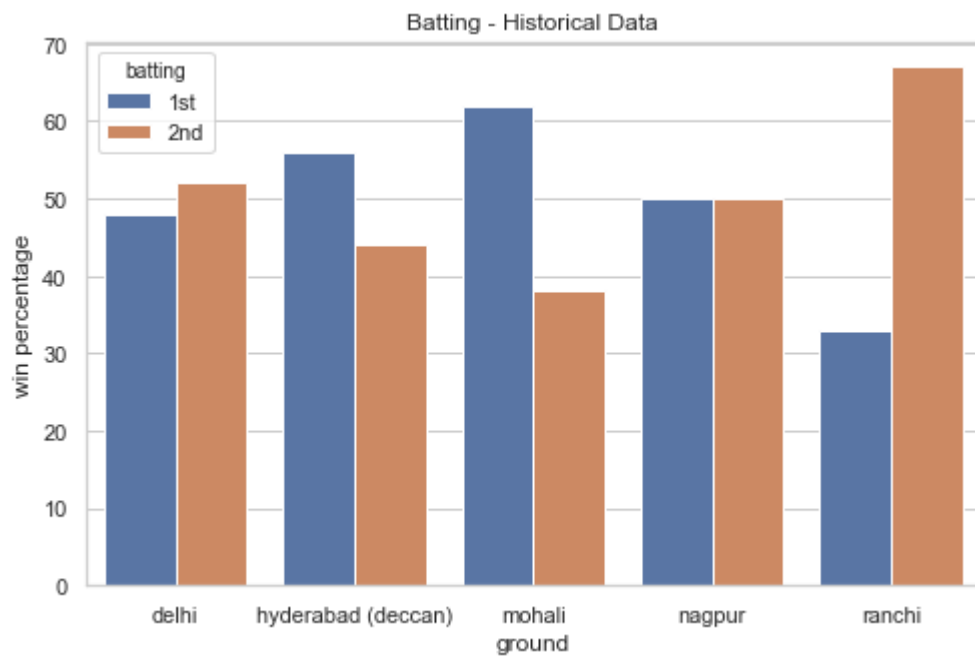


Fig 3.5 - Batting['India'] - Historical Data

	ground	batting	win percentage
0	delhi	1st	7
1	delhi	2nd	11
2	hyderabad (deccan)	1st	5
3	hyderabad (deccan)	2nd	7
4	mohali	1st	9
5	mohali	2nd	6
6	nagpur	1st	8
7	nagpur	2nd	9
8	ranchi	2nd	3

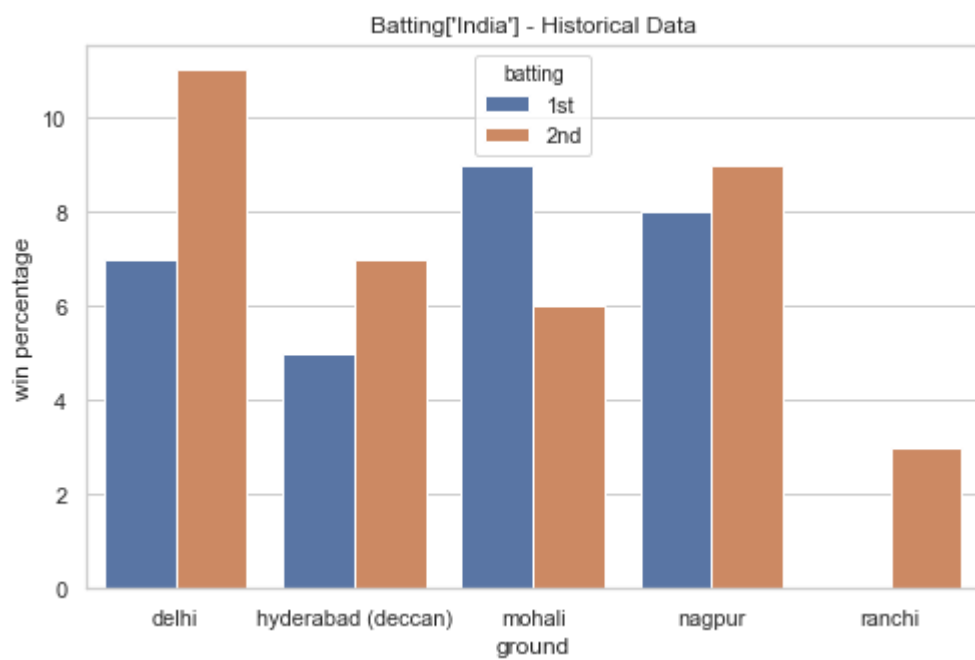


Fig 3.6 - Batting['Australia'] - Historical Data

	ground	batting	win percentage
0	delhi	1st	3
1	delhi	2nd	2
2	hyderabad (deccan)	1st	3
3	mohali	1st	3
4	mohali	2nd	3
5	nagpur	1st	3
6	nagpur	2nd	3

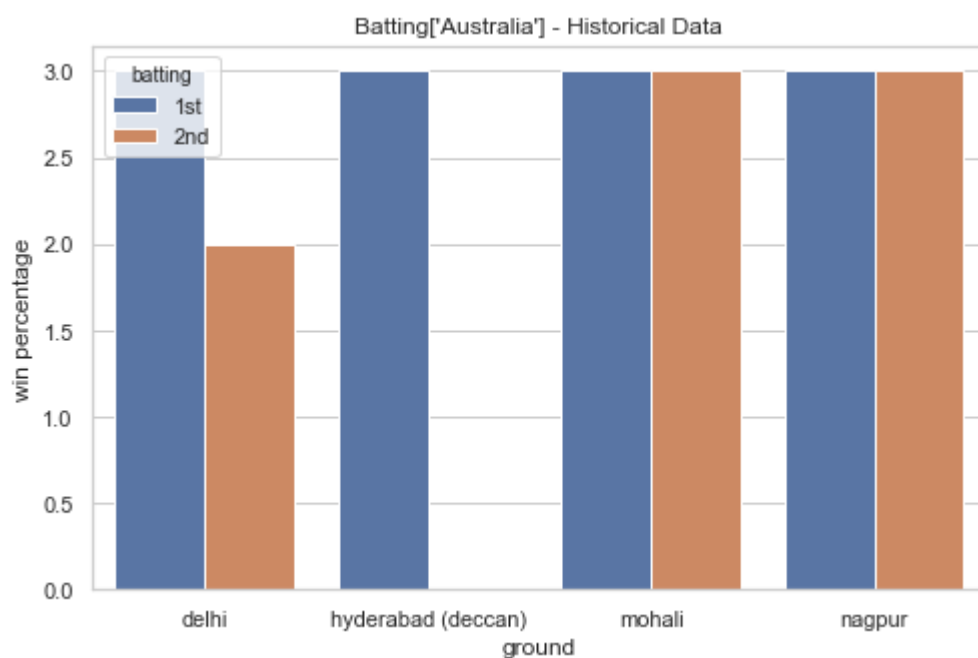
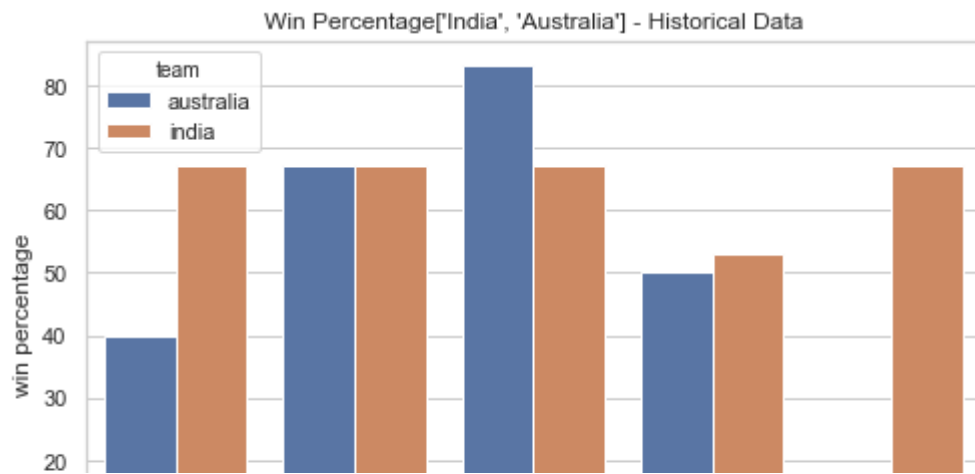


Fig 3.7 - Win Percentage['India', 'Australia'] - Historical Data

	ground	team	won	lost	win percentage
0	delhi	australia	2	3	40
1	delhi	india	12	6	67
2	hyderabad (deccan)	australia	2	1	67
3	hyderabad (deccan)	india	8	4	67
4	mohali	australia	5	1	83
5	mohali	india	10	5	67
6	nagpur	australia	3	3	50
7	nagpur	india	9	8	53
8	ranchi	india	2	1	67



#### 4. Average Stats

Fig 4.1 - Team Average Wickets

	team	batting	wickets
0	australia	1st	6
1	australia	2nd	6.83333
2	india	1st	7.32258
3	india	2nd	5.5

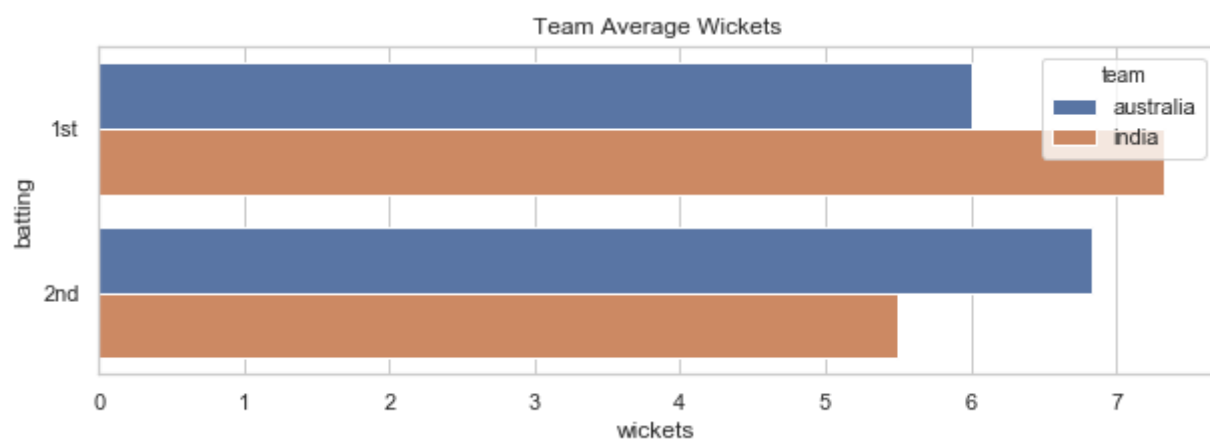


Fig 4.2 - Team Average Scores

	team	batting	score
0	australia	1st	301.7
1	australia	2nd	231.333
2	india	1st	297.935
3	india	2nd	254.614

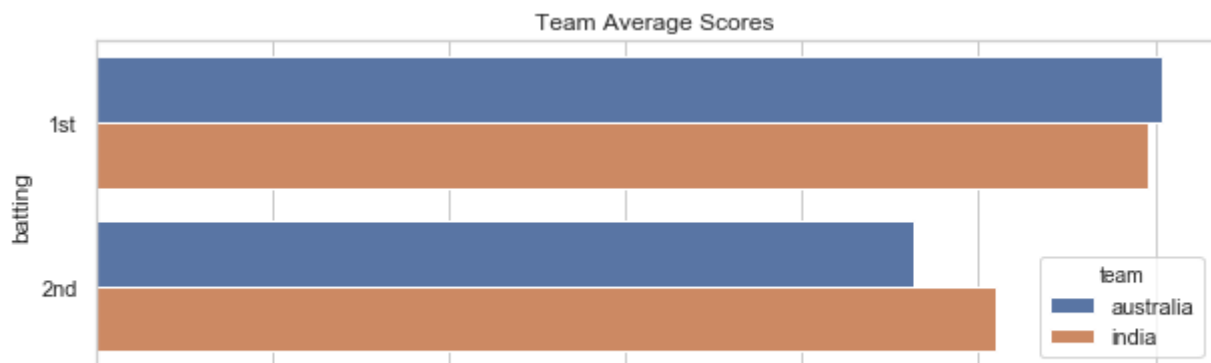


Fig 4.3 - Ground Average Scores

	ground	batting	score
0	delhi	1st	239.783
1	delhi	2nd	211.391
2	hyderabad (deccan)	1st	253.778
3	hyderabad (deccan)	2nd	214.167
4	mohali	1st	268
5	mohali	2nd	228.25
6	nagpur	1st	278.227
7	nagpur	2nd	246.636
8	ranchi	1st	233.667
9	ranchi	2nd	228.667

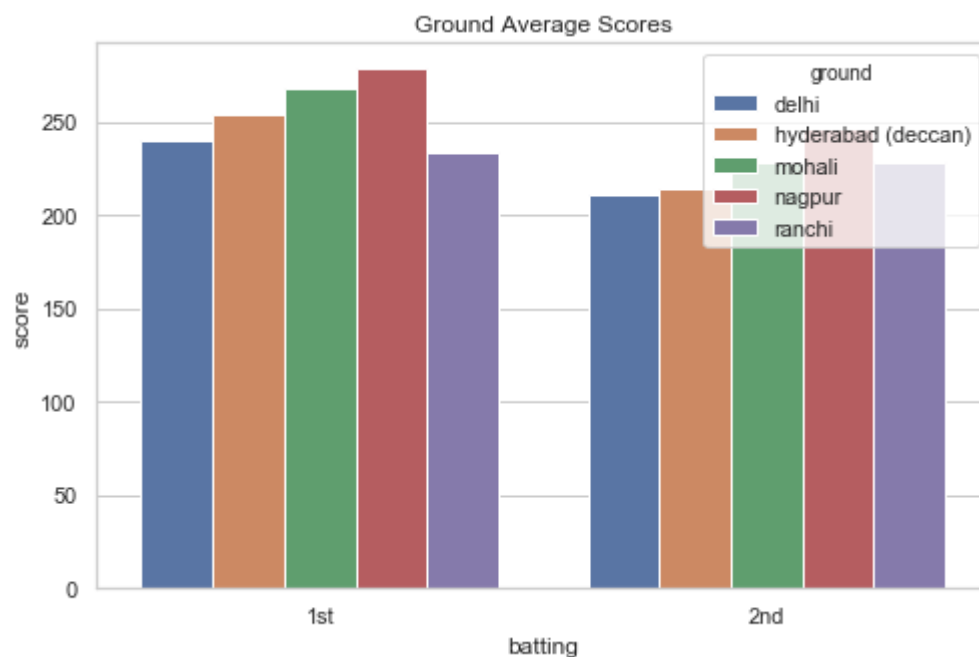


Fig 4.4 - Team Average Scores [Nagpur]

	ground	team	batting	score
11	nagpur	australia	1st	303
12	nagpur	australia	2nd	206.667
13	nagpur	india	1st	306.25

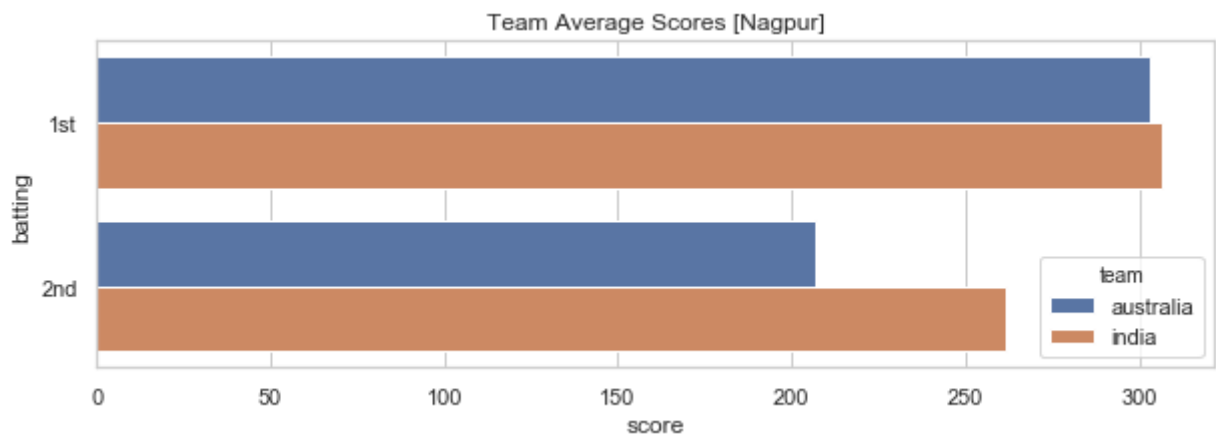


Fig 4.5 - Team Average Scores [Ranchi]

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|    | ground | team  | batting | score   |
|----|--------|-------|---------|---------|
| 15 | ranchi | india | 2nd     | 228.667 |

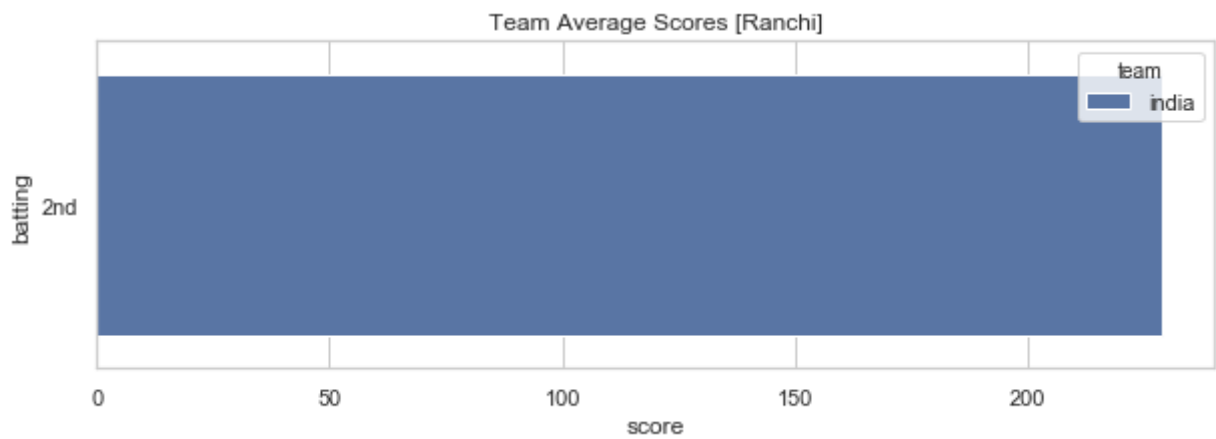


Fig 4.6 - Team Average Scores [Mohali]

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	ground	team	batting	score
7	mohali	australia	1st	232.333
8	mohali	australia	2nd	280
9	mohali	india	1st	283.333
10	mohali	india	2nd	230.167

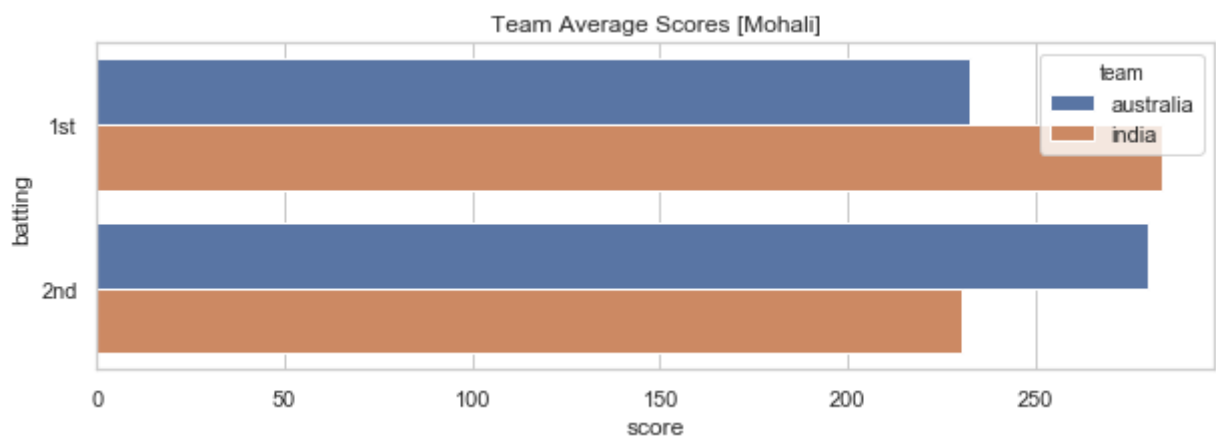


Fig 4.7 - Team Average Scores [Delhi]

	ground	team	batting	score
0	delhi	australia	1st	253.667
1	delhi	australia	2nd	232
2	delhi	india	1st	244.143
3	delhi	india	2nd	217.909

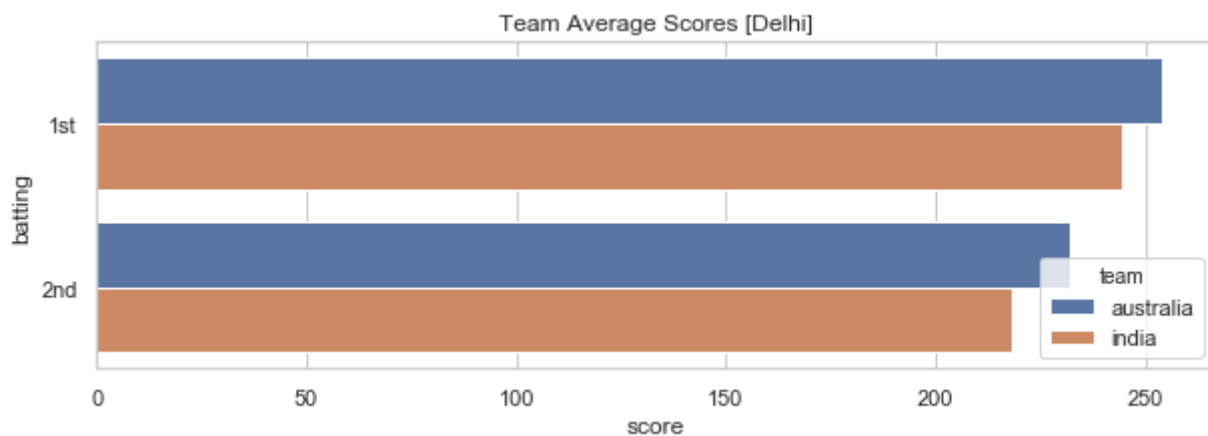
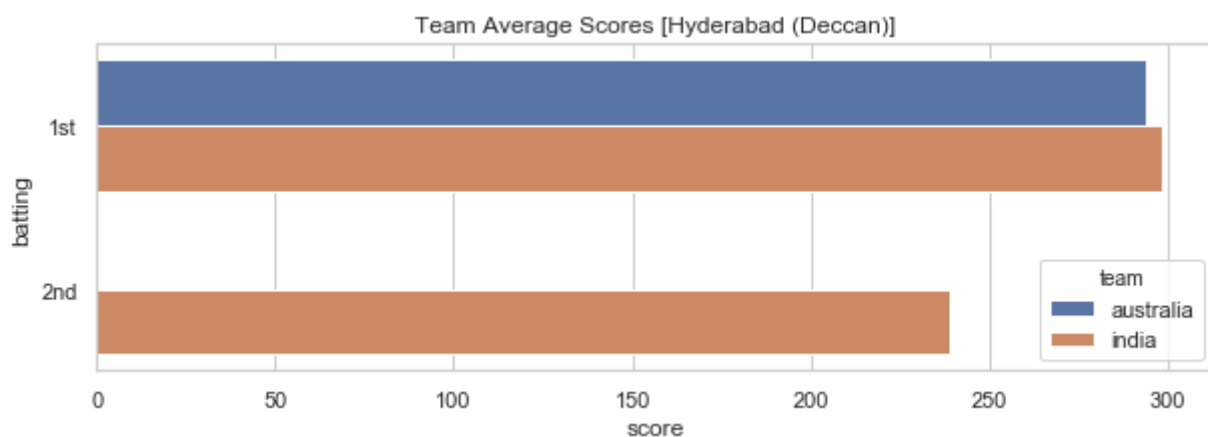


Fig 4.8 - Team Average Scores [Hyderabad (Deccan)]

	ground	team	batting	score
4	hyderabad (deccan)	australia	1st	294
5	hyderabad (deccan)	india	1st	298
6	hyderabad (deccan)	india	2nd	238.857



## 5. Batting Stats since year 2010

Fig 5.1 - Runs Scored [India and Australia] - Historical Data

	player	runs
17	v kohli	49.995
12	rg sharma	45.3057
18	v shankar	45



	player	runs
14	s dhawan	42.4426
15	se marsh	42.093
0	aj finch	36.2526
2	at rayudu	35.3404
9	ms dhoni	35.2133
8	mp stoinis	34.913
10	psp handscomb	30
16	ut khawaja	29.15
5	gj maxwell	29.0886
7	km jadhav	28.6286
1	at carey	27.375
6	kl rahul	26.4167
4	djm short	20.75
13	rr pant	20.5
11	ra jadeja	20.3947
3	b kumar	9.5

Runs Scored [India and Australia] - Historical Data

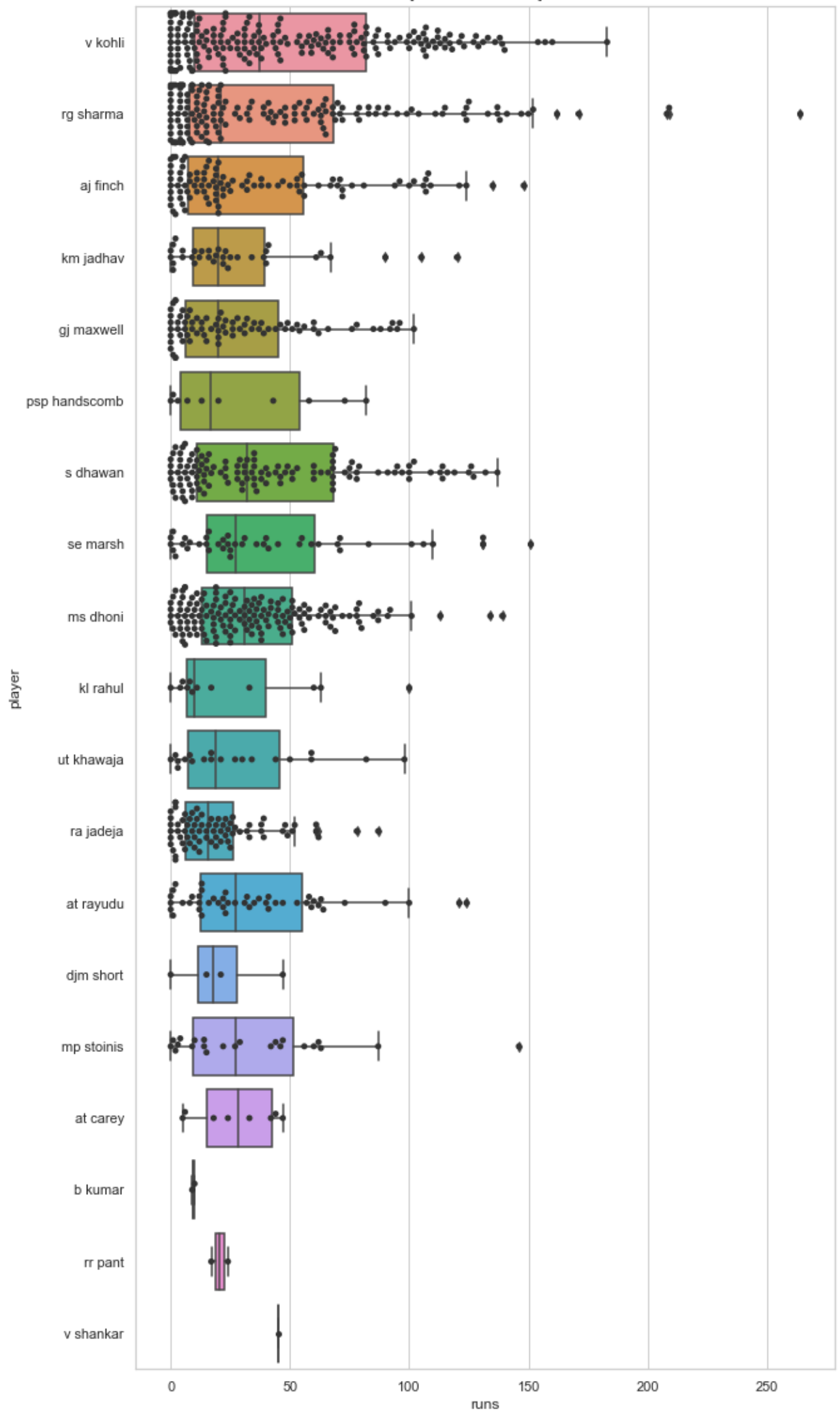
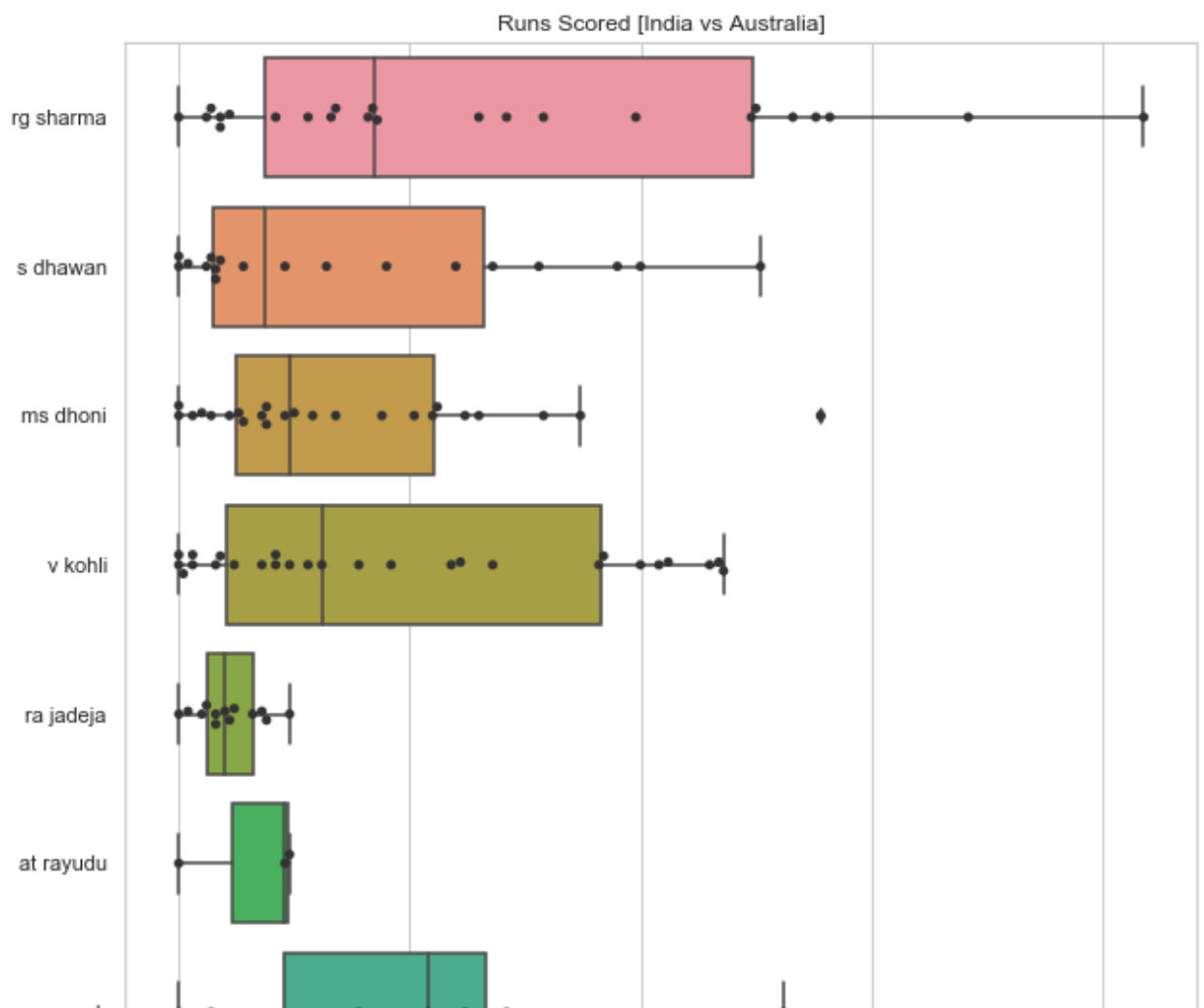


Fig 5.2 - Runs Scored [India vs Australia]

	player	runs
9	rg sharma	68.2917
11	se marsh	52
13	v kohli	47.963
0	aj finch	45.0526
12	ut khawaja	38
10	s dhawan	37.8333
6	ms dhoni	35.75
7	psp handscomb	35
3	gj maxwell	33.5
4	km jadhav	33.1667
5	mp stoinis	29.875
1	at carey	15.6667
2	at rayudu	15.6667
8	ra jadeja	10.6923



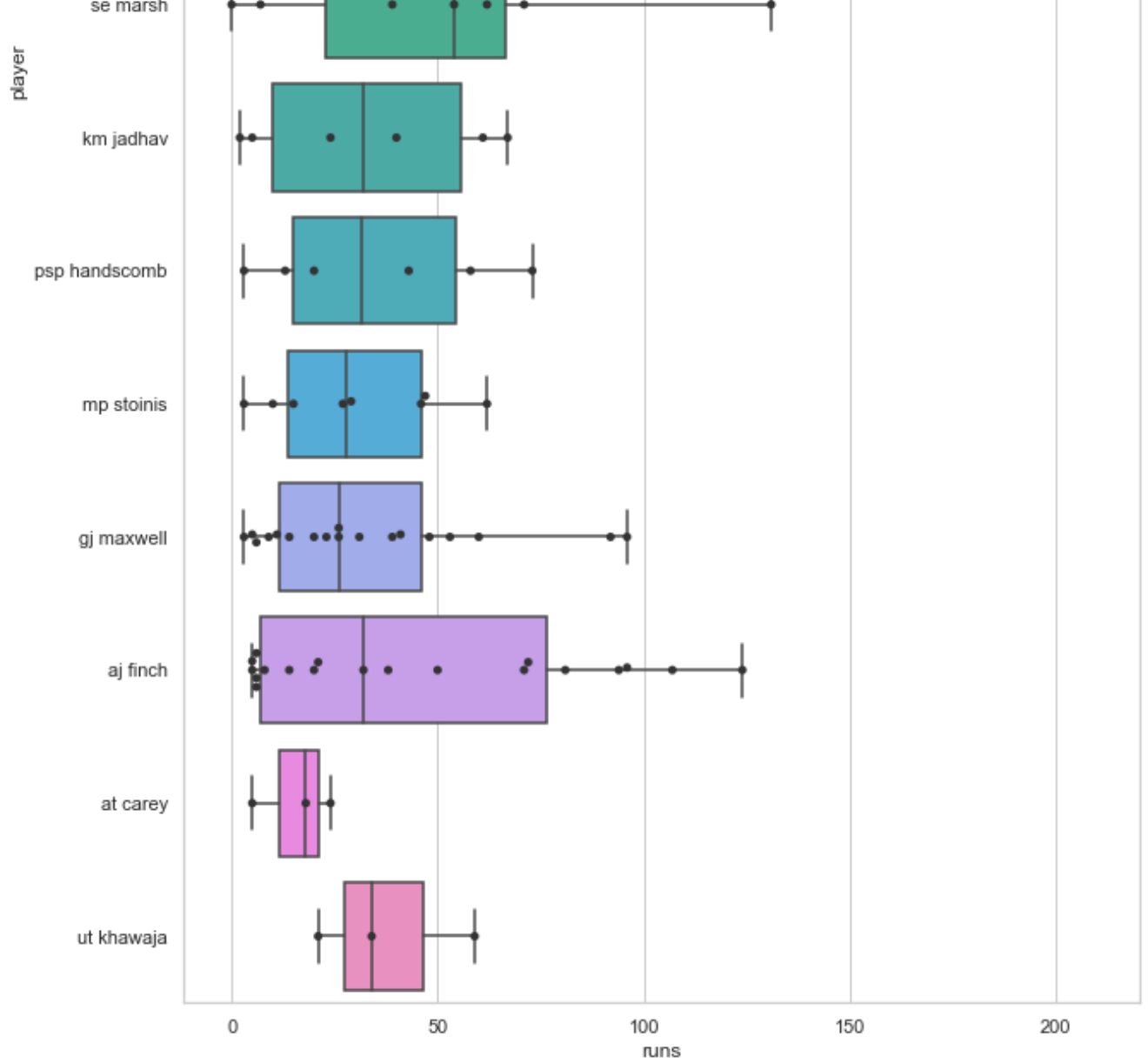


Fig 5.3 - Runs Scored [India and Australia] - India

	player	runs
10	rg sharma	59.1739
14	v kohli	53.8356
0	aj finch	48.8889
1	at rayudu	46.4545
12	s dhawan	39.5625
7	ms dhoni	36.9643
3	gj maxwell	34
5	km jadhav	32.875
6	mp stoinis	30.6
11	rr pant	20.5
8	psp handscomb	19.6667
9	ra jadeja	13.15
2	b kumar	10
4	kl rahul	8
13	se marsh	0

Runs Scored [India and Australia] - India

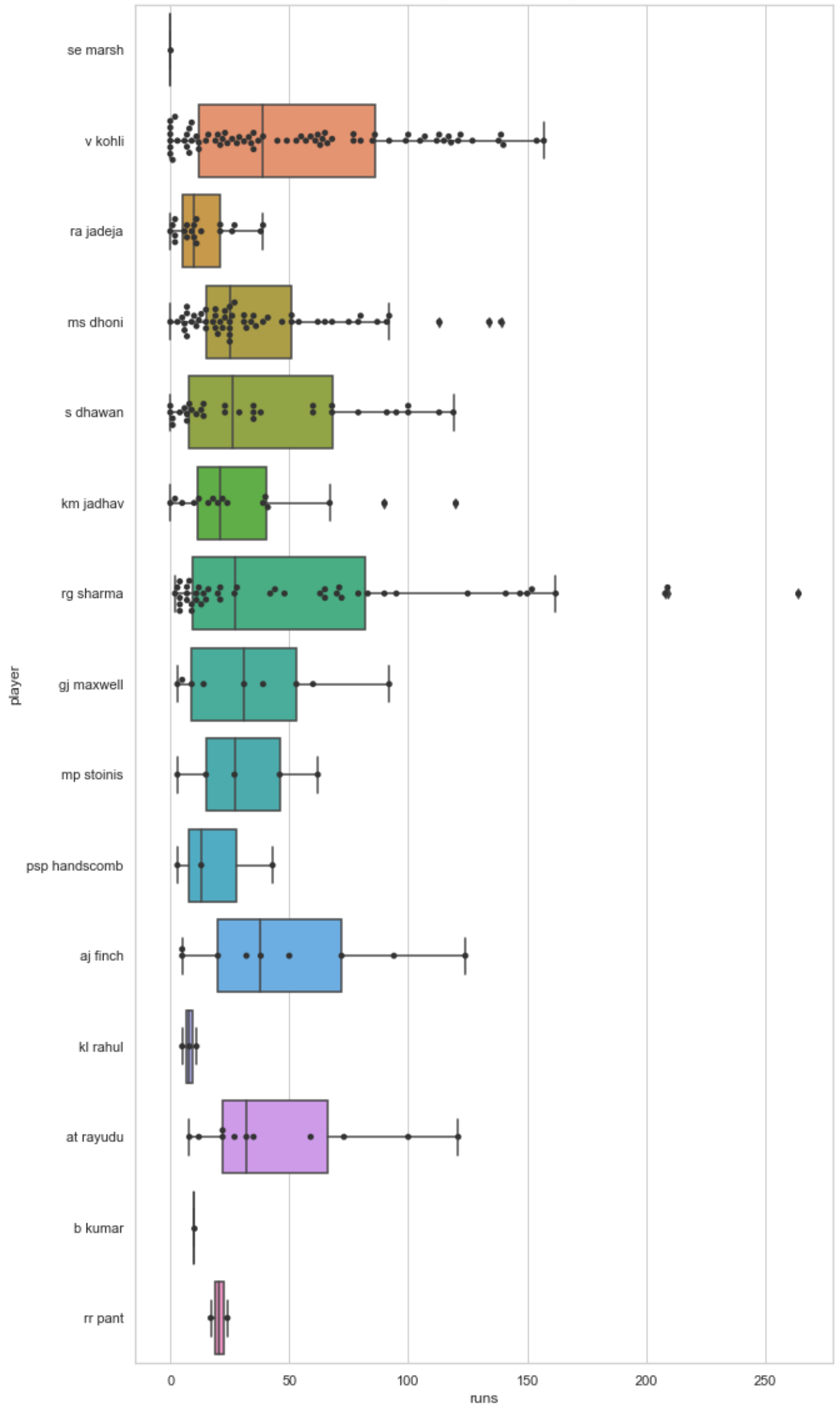


Fig 5.4 - Fours Hit [India and Australia] - India

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|    | player        | fours   |
|----|---------------|---------|
| 0  | aj finch      | 6       |
| 10 | rg sharma     | 5.67391 |
| 12 | s dhawan      | 5.21875 |
| 14 | v kohli       | 5.09589 |
| 1  | at rayudu     | 4.18182 |
| 5  | km jadhav     | 3.5     |
| 7  | ms dhoni      | 2.96429 |
| 11 | rr pant       | 2.5     |
| 3  | gj maxwell    | 2.44444 |
| 6  | mp stoinis    | 2.4     |
| 2  | b kumar       | 1       |
| 4  | kl rahul      | 1       |
| 8  | psp handscomb | 1       |
| 9  | ra jadeja     | 0.8     |
| 13 | se marsh      | 0       |

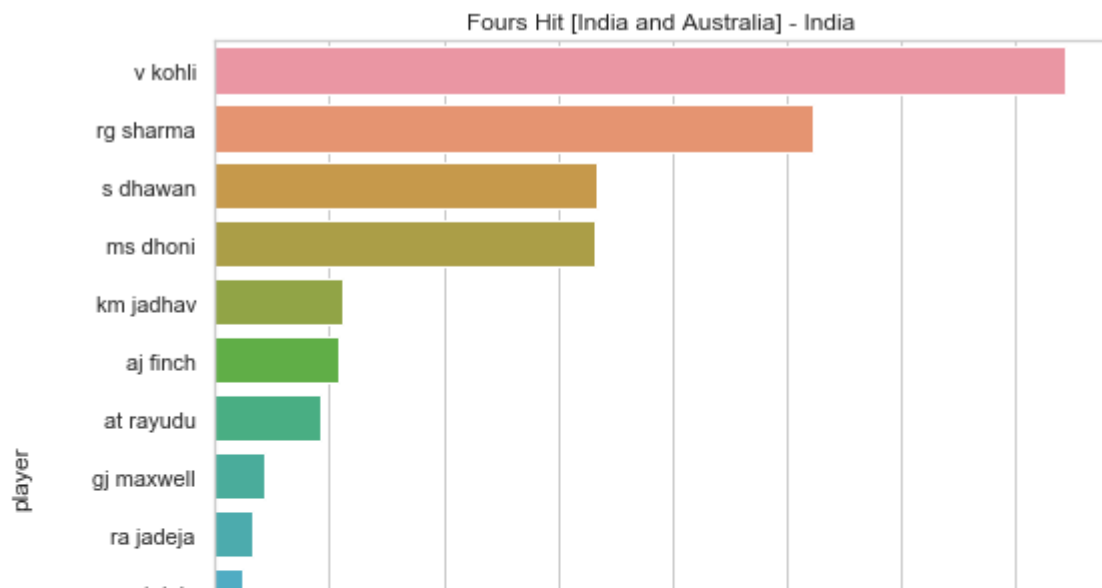


Fig 5.5 - Fours Hit [India vs Australia]

|    | player        | fours    |
|----|---------------|----------|
| 9  | rg sharma     | 5.33333  |
| 0  | aj finch      | 4.63158  |
| 10 | s dhawan      | 4.61111  |
| 13 | v kohli       | 4.22222  |
| 11 | se marsh      | 4.14286  |
| 4  | km jadhav     | 3.66667  |
| 12 | ut khawaja    | 3.66667  |
| 3  | gj maxwell    | 2.94444  |
| 1  | at carey      | 2.66667  |
| 5  | mp stoinis    | 2.25     |
| 7  | psp handscomb | 2.16667  |
| 6  | ms dhoni      | 2.125    |
| 2  | at rayudu     | 1.33333  |
| 8  | ra jadeja     | 0.538462 |

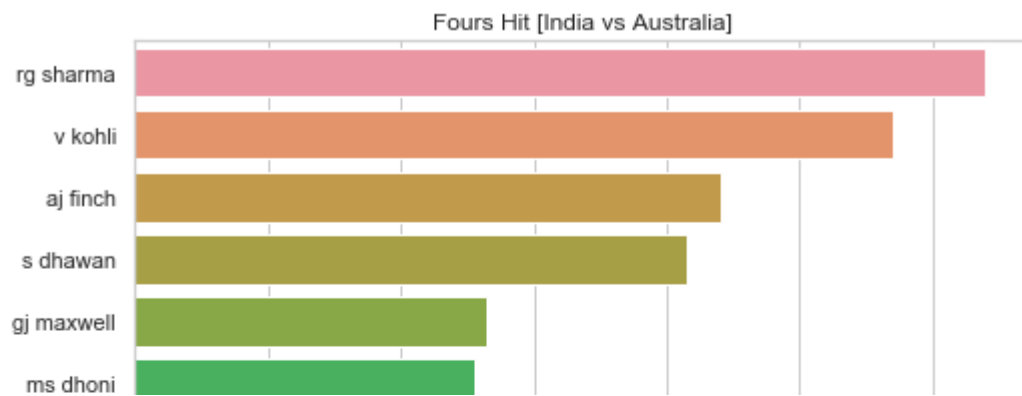
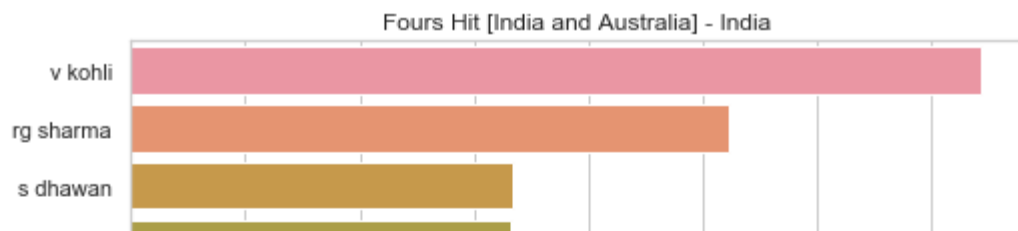


Fig 5.6 - Fours Hit [India and Australia] - India

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	player	fours
0	aj finch	6
10	rg sharma	5.67391
12	s dhawan	5.21875
14	v kohli	5.09589
1	at rayudu	4.18182
5	km jadhav	3.5
7	ms dhoni	2.96429
11	rr pant	2.5
3	gj maxwell	2.44444
6	mp stoinis	2.4
2	b kumar	1
4	kl rahul	1
8	psp handscomb	1
9	ra jadeja	0.8
13	se marsh	0





**Fig 5.7 - Sixes Hit [India and Australia] - India**

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|    | player        | sixes    |
|----|---------------|----------|
| 3  | gj maxwell    | 2.44444  |
| 10 | rg sharma     | 2.13043  |
| 0  | aj finch      | 1.33333  |
| 6  | mp stoinis    | 1.2      |
| 7  | ms dhoni      | 1.07143  |
| 1  | at rayudu     | 1        |
| 5  | km jadhav     | 0.75     |
| 14 | v kohli       | 0.671233 |
| 11 | rr pant       | 0.5      |
| 12 | s dhawan      | 0.40625  |
| 4  | kl rahul      | 0.333333 |
| 8  | psp handscomb | 0.333333 |
| 9  | ra jadeja     | 0.2      |
| 2  | b kumar       | 0        |
| 13 | se marsh      | 0        |

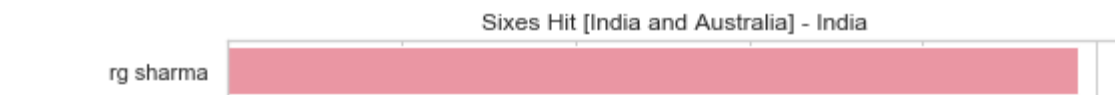


Fig 5.8 - Sixes Hit [India vs Australia]

|    | player        | sixes    |
|----|---------------|----------|
| 9  | rg sharma     | 2.75     |
| 3  | gj maxwell    | 1.61111  |
| 5  | mp stoinis    | 1        |
| 0  | aj finch      | 0.947368 |
| 6  | ms dhoni      | 0.875    |
| 13 | v kohli       | 0.555556 |
| 7  | psp handscomb | 0.5      |
| 11 | se marsh      | 0.428571 |
| 2  | at rayudu     | 0.333333 |
| 4  | km jadhav     | 0.333333 |
| 10 | s dhawan      | 0.333333 |
| 1  | at carey      | 0        |
| 8  | ra jadeja     | 0        |
| 12 | ut khawaja    | 0        |

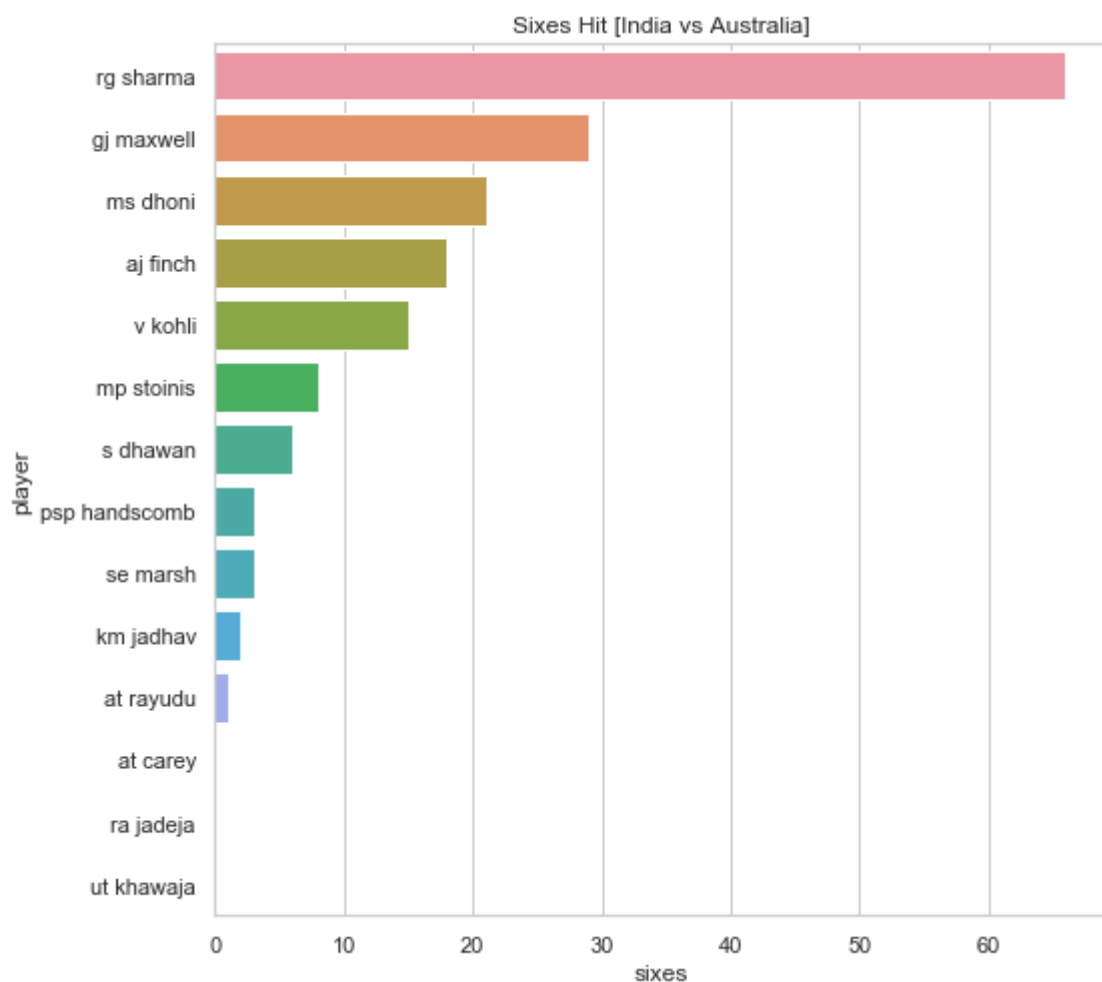
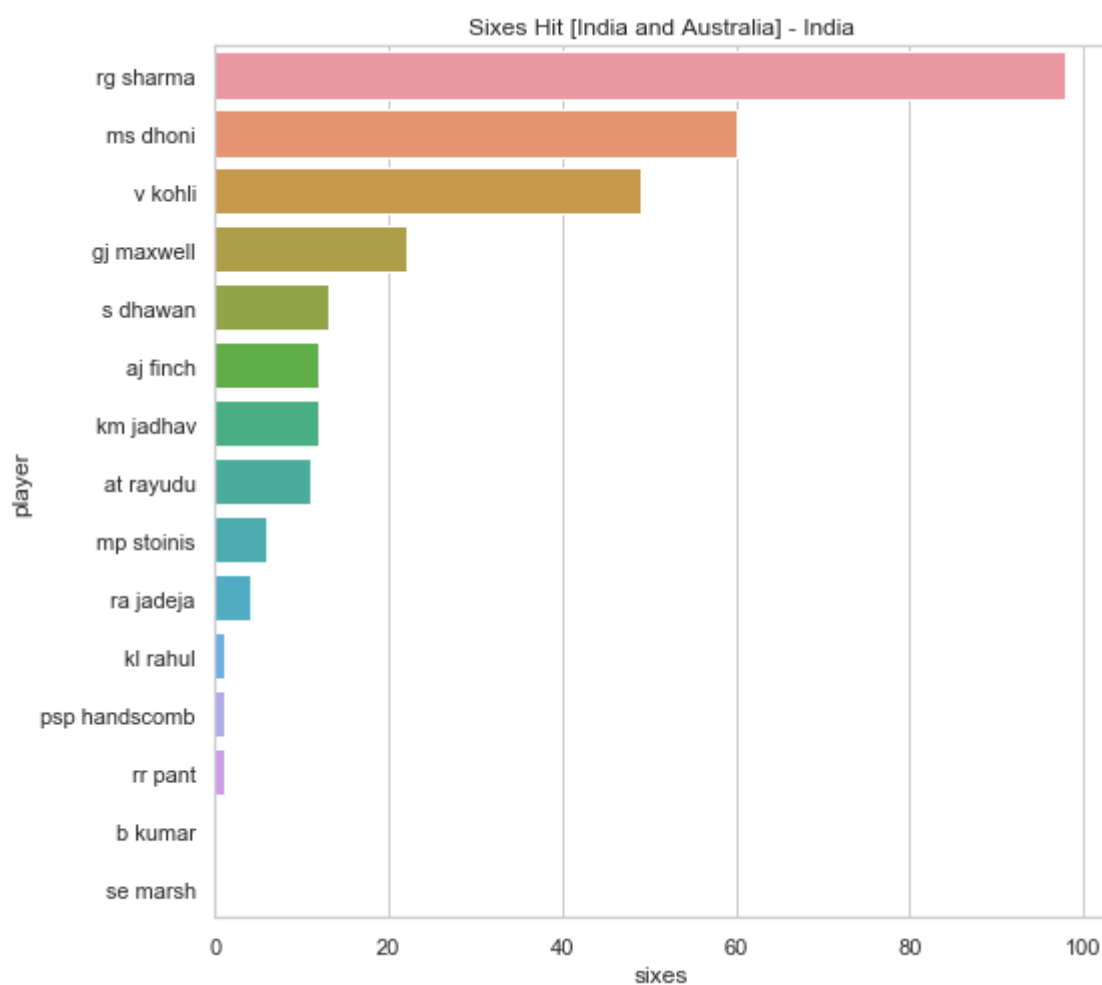


Fig 5.9 - Sixes Hit [India and Australia] - India

|    | player        | sixes    |
|----|---------------|----------|
| 3  | gj maxwell    | 2.44444  |
| 10 | rg sharma     | 2.13043  |
| 0  | aj finch      | 1.33333  |
| 6  | mp stoinis    | 1.2      |
| 7  | ms dhoni      | 1.07143  |
| 1  | at rayudu     | 1        |
| 5  | km jadhav     | 0.75     |
| 14 | v kohli       | 0.671233 |
| 11 | rr pant       | 0.5      |
| 12 | s dhawan      | 0.40625  |
| 4  | kl rahul      | 0.333333 |
| 8  | psp handscomb | 0.333333 |
| 9  | ra jadeja     | 0.2      |
| 2  | b kumar       | 0        |
| 13 | se marsh      | 0        |



## 6. Bowling Stats since year 2010

Fig 6.1 - Wickets [India and Australia] - Historical Data

|    | player          | wickets |
|----|-----------------|---------|
| 18 | ra jadeja       | 161     |
| 4  | b kumar         | 114     |
| 12 | mohammed shami  | 108     |
| 8  | jj bumrah       | 78      |
| 11 | kuldeep yadav   | 77      |
| 24 | ys chahal       | 71      |
| 17 | pj cummins      | 65      |
| 6  | gj maxwell      | 46      |
| 0  | a zampa         | 42      |
| 15 | nm coulter-nile | 38      |
| 10 | km jadhav       | 25      |
| 13 | mp stoinis      | 22      |
| 16 | nm lyon         | 18      |
| 7  | ja richardson   | 13      |
| 2  | aj tye          | 12      |
| 19 | rg sharma       | 6       |
| 21 | sn thakur       | 6       |
| 22 | v kohli         | 4       |
| 9  | jp behrendorff  | 3       |
| 3  | at rayudu       | 3       |
| 1  | aj finch        | 2       |
| 14 | ms dhoni        | 0       |
| 5  | djm short       | 0       |
| 20 | s kaul          | 0       |
| 23 | v shankar       | 0       |

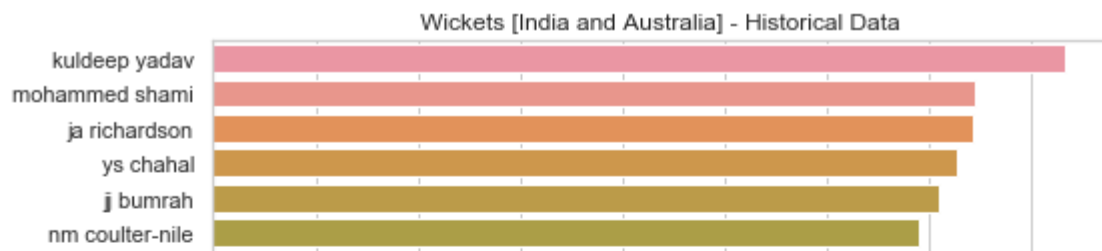


Fig 6.2 - Wickets [India vs Australia]

|    | player          | wickets |
|----|-----------------|---------|
| 3  | b kumar         | 16      |
| 15 | ra jadeja       | 14      |
| 10 | mohammed shami  | 13      |
| 19 | ys chahal       | 12      |
| 12 | nm coulter-nile | 10      |
| 9  | kuldeep yadav   | 9       |
| 6  | jj bumrah       | 7       |
| 5  | ja richardson   | 6       |
| 11 | mp stoinis      | 6       |
| 14 | pj cummins      | 4       |
| 0  | a zampa         | 4       |
| 7  | jp behrendorff  | 3       |
| 4  | gj maxwell      | 2       |
| 8  | km jadhav       | 2       |
| 1  | aj finch        | 2       |
| 16 | rg sharma       | 2       |
| 13 | nm lyon         | 1       |
| 2  | at rayudu       | 0       |
| 17 | v kohli         | 0       |
| 18 | v shankar       | 0       |

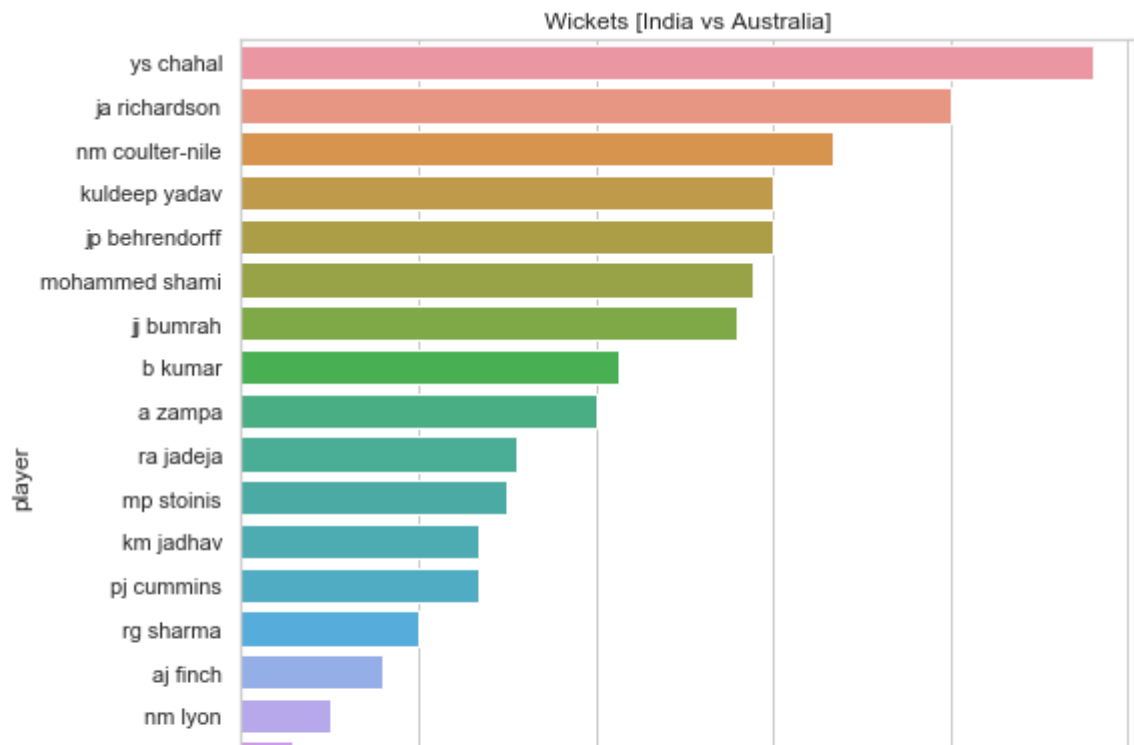


Fig 6.3 - Wickets [India and Australia] - India

|    | player          | wickets |
|----|-----------------|---------|
| 12 | ra jadeja       | 63      |
| 3  | b kumar         | 37      |
| 5  | jj bumrah       | 32      |
| 8  | mohammed shami  | 22      |
| 15 | ys chahal       | 21      |
| 7  | kuldeep yadav   | 20      |
| 10 | nm coulter-nile | 10      |
| 6  | km jadhav       | 8       |
| 0  | a zampa         | 4       |
| 11 | pj cummins      | 4       |
| 1  | aj finch        | 2       |
| 9  | mp stoinis      | 2       |
| 2  | at rayudu       | 1       |
| 4  | gj maxwell      | 1       |
| 14 | v kohli         | 1       |
| 13 | rg sharma       | 0       |

