

Virat Kohli Performance

Sports Analytics is the task of analyzing sports data.

It includes player performance analysis, analysis of all game highlights, data storytelling and summary of a sports tournament, comparison of strengths and weaknesses of teams and players.

Virat Kohli is one of the most famous cricketers in the world.

So it will be a great data science project if we analyze the batting performance of Virat Kohli over the years.

Virat Kohli Performance Analysis (Case Study)

Virat Kohli is one of the most famous cricketers in the world.

Here you are given a dataset of all the ODI matches played by Virat Kohli from 18 August 2008 to 22 January 2017.

You are required to analyze the performance of Virat Kohli in ODI matches.

This is the complete information about all the columns in the dataset:

Runs: Runs in the match

BF: Balls faced in the match

4s: number of 4s in a match

6s: number of 6s in a match

SR: Strike Rate in the match

Pos: Batting Position in the match

Dismissal: How Virat Kohli got out in the match

Inns: 1st and 2nd innings

Opposition: Who was the opponent of India

Ground: Venue of the match

Start Date: Date of the match

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Analysis the DATA

1. Read Data
2. Findout null values
3. The dataset contains matches played by Virat Kohli between 18 August 2008 and 22 January 2017. Find total runs scored by Virat Kohli:
4. Find average of Virat Kohli during the same period
5. look at the trend of runs scored by Virat Kohli in his career from 18 August 2008 to 22 January 2017:
6. Find all the batting positions played by Virat Kohli:
7. Create pie chart of above analyzed data
8. look at the total runs scored by Virat Kohli in different positions:
9. find out the number of centuries scored by Virat Kohli while batting in the first innings and second innings:
10. Find the kind of dismissals Virat Kohli faced most of the time:
11. Find out against which team Virat Kohli scored most of his runs:
12. Find out against which team Virat Kohli scored most of his centuries:
13. let's analyze Virat Kohli's strike rate.
14. let's see whether Virat Kohli plays with high strike rates in the first innings or second innings:
15. Find the relationship between runs scored by Virat Kohli and fours played by him in each innings:
16. Find out if there is some relationship with the sixes: