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PrediCric

Predicting Pitch Behavior in Test Cricket

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Abstract

Home advantage has been a huge factor in cricket. In past decade it has been even bigger influence than earlier. Specially in test cricket its more effected than in ODI's because teams have to corporate the difficulties to extend of five days. The home team have the advantage of playing in conditions where they are more familiar than the visitors, specially the pitch behavior and the climate where these two makes difference to the pace, bounce and consistency to which accordingly teams have to adjust their tactics, team combination and techniques on players.

The future of test cricket losing it sheen as inability of teams to perform outside the home which is out of comfort zone so the interest of test cricket may have dipped due to the lack of competition. So, the idea is to analyze data sets of test cricket and weather to predict the behavior of cricket pitches using supervise machine learning which can generate the pitch behavior in test match where teams can analyze their game plan well in the particular condition in the particular time.

Key Words

Cricket; Linear modelling; Logistic regression;