**CRICKET ANALYTICS**

Introduction:

Due to the development of analytics, cricket, like many other sports, has seen a substantial change in recent years. Cricket teams now depend heavily on data-driven insights to maximise their on-field performances. Cricket as a concept Analytics were first used by the Australian cricket squad in the early 2000s.

Steve Waugh's direction, they began utilising statistics to assess their performance. However, the Indian Premier League's (IPL) emergence was the key and the Tableau concept, which genuinely revolutionised cricket analytics.

Tableau Concept:

The Kolkata Knight Riders (KKR) debuted Tableau, a data analytics tool, during the 2015 IPL season. Tableau, a tool created by CricViz, allowed KKR to analyse player and opponent data, giving them insightful information for making data-driven decisions.

1. Team Selection:

Teams can use Tableau to analyse player performances in various situations and against various opponents, which helps them choose the best players for their squad. Sunil Narine's success against left-handed batsman, for instance, demonstrates how important this information may be for particular match plans.

1. Game Planning:

Tableau offers thorough insights into the team's advantages and disadvantages. This aids teams in creating game plans that take advantage of the weaknesses of their opponents while maximising their own advantages. The use of spin bowlers early by the Kolkata Knight Riders against the Chennai Super Kings serves as an illustration of how this strategy can result in early wickets and limit the scoring of the opposition.

1. Performance Analysis:

Tableau assists in analysing player performances across various conditions and against different opponents, aiding in team selection and strategy development. It can also be used to assess overseas players' performances and determine suitable picks for specific matches.

1. Talent Identification:

By examining young players' domestic cricket performances, Tableau identifies and develops emerging talent, allowing teams to invest in and nurture prospective players for the future.

1. Pitch Analysis:

Teams can use Tableau to analyse data pertaining to various pitches and how they affect player performances, assisting them in developing pitch-specific strategies.

1. Opponent Analysis:

Tableau helps teams prepare their own strategies by analysing information on opponents' playing styles and tactics.

1. Injury Analysis:

Tableau helps teams prepare their own strategies by analysing information on opponents' playing styles and tactics.

1. Player Development:

Tableau helps with player performance analysis and pinpointing areas for development, including batting or bowling tactics.

Conclusion:

The case study on cricket analytics and Tableau's idea of a game-changer have clarified the transformative impact that data-driven insights play in the game of cricket. Cricket has seen a significant transformation over the years, with analytics playing a crucial part in maximising team performances on the pitch.