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Batch-G4

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EDS ASSIGNMENT

Problem statement-Develop a cricket match outcome prediction model that accurately predicts the result of a cricket match based on team performance metrics, player statistics, and match conditions. The objective is to assist cricket analysts and fans in making accurate predictions and strategic decisions, leading to improved team performance and match outcomes

Data Set-

Year	Format	Host	Final Venue	Winner	Margin	Runner up
1984	ODI	UAE	Sharjah	India	54 runs	Pakistan
1986	ODI	Sri Lanka	Colombo (SSC)	Sri Lanka	5 wickets	Pakistan

Year	Format	Host	Final Venue	Winner	Margin	Runner up
1988	ODI	Bangladesh	Dhaka	India	6 wickets	Sri Lanka
1991	ODI	India	Kolkata	India	7 wickets	Sri Lanka
1995	T20I	UAE	Sharjah	India	8 wickets	Sri Lanka
1997	ODI	Sri Lanka	Colombo (RPS)	Sri Lanka	8 wickets	India
2000	ODI	Bangladesh	Dhaka	Pakistan	39 runs	Sri Lanka
2004	ODI	Sri Lanka	Colombo (RPS)	Sri Lanka	25 runs	India
2008	T20I	Pakistan	Karachi	Sri Lanka	100 runs	India
2010	ODI	Sri Lanka	Dambulla	India	81 runs	Sri Lanka
2012	ODI	Bangladesh	Mirpur	Pakistan	2 runs	Bangladesh
2014	ODI	Bangladesh	Mirpur	Sri Lanka	5 wickets	Pakistan
2016	T20I	Bangladesh	Mirpur	India	8 wickets	Bangladesh

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2014	ODI	Bangladesh	Mirpur	Sri Lanka	5 wickets	Pakistan
2016	T20I	Bangladesh	Mirpur	India	8 wickets	Bangladesh

Query:

1.Find the number of matches where the winning team had a margin of victory greater than 50 runs.

2.Find the matches where the winning team won by a wicket margin of less than 10.

3.Find the matches hosted in Sri Lanka where India was the runner-up.

4.Find the matches that were played in ODI format and had a winning margin of more than 50 runs.

5.Find the matches where the winning team was Pakistanand the runner-up was Sri Lanka.